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The
CHEMIST AND DRUGGIST
for RETAILER - WHOLESALER - MANUFACTURER

Established 1859

28 Essex Street, Strand, London, W.C.2

Registered as a Newspaper

No. 3145
VOL. CXXXII

MAY 18, 1940

Annual Subscription (with
Diary) 20/- Single Copies 9d.

When the sword is sheathed . . .

A GOOD JOB WILL, WE HOPE, HAVE BEEN DONE. WAR...ON THE HOME FRONT, AT LEAST ... BRINGS OUT THE BEST IN MEN AND MANUFACTURERS. EACH MUST MAKE THEIR MAXIMUM EFFORT TO SHORTEN THE ROAD TO ULTIMATE VICTORY. BURGOYNE BURBIDGES ARE CONTRIBUTING IN NO SMALL MEASURE TO THIS EFFORT. WITH EVER-INCREASING MOMENTUM WE ARE WORKING TO SUPPLY NATIONAL AND UNIVERSAL NEEDS...WHilst MAIN-TAINING THE HIGH QUALITY WHICH HAS MADE "RED DIAMOND" PRODUCTS FAMOUS

BURGOYNE BURBIDGES

Established 1741. & COMPANY LIMITED, LONDON. E.6



●
Send for
Bonus Terms

Because of the security it confers in respect of protected price and assured profit, Euthymol is a sound line from which you can secure good and profitable business. It has been on the P.A.T.A. for over 30 years and *has no sixpenny size.*

PARKE, DAVIS & CO., 50 BEAK ST., LONDON, W.1

First Bonus Offer of

FLAVOGEL

Acriflavine made fully effective

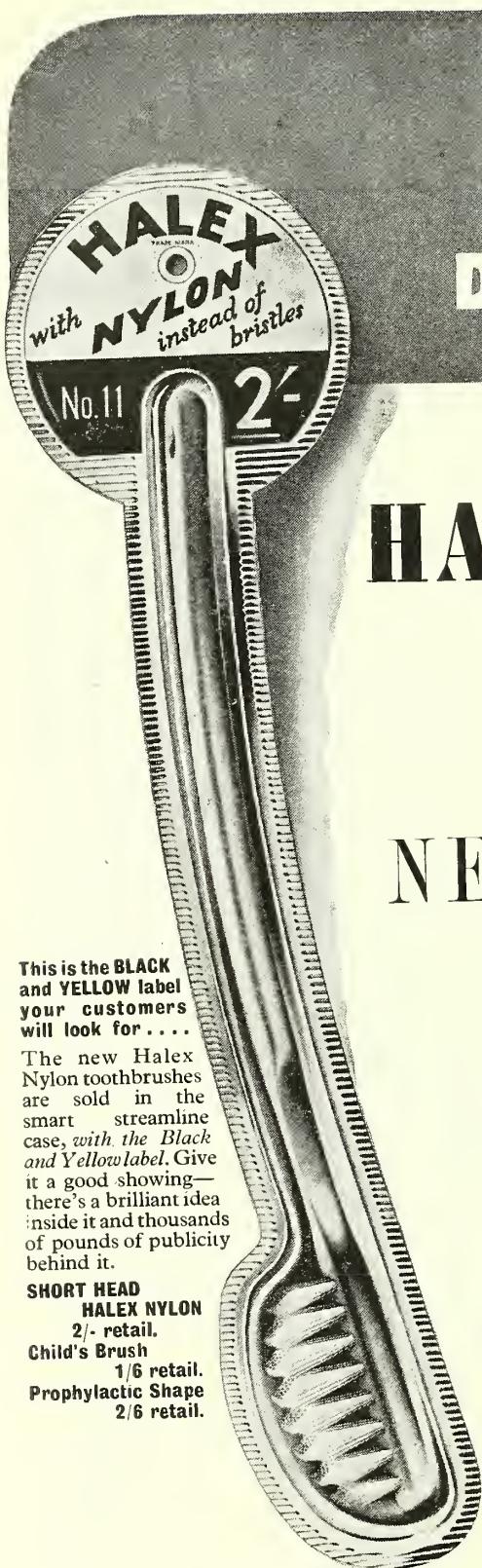
The reputation of acriflavine as a powerful tissue antiseptic is high. In the form of Flavogel, newly introduced by Glaxo Laboratories Ltd., acriflavine is even more effective. Presented in a bland jelly base soluble in water, the acriflavine can penetrate immediately to every part of the wound with full bactericidal effect. Flavogel has other advantages which give it a ready over-the-counter sale for general use, and for A.R.P. and First Aid work. Flavogel does not sting. It is easily carried, easily applied. And it is economical because even a thin dressing has a prolonged protective and penetrative effect.

The new bonus parcel, giving 41% profit and including a counter-dispenser, is available for a limited period.



* 1½ oz. tube. Price advanced from 1/3 to 1/6 owing to greatly increased production costs. The price of the 1 lb. jar remains unchanged at 7/6.

GLAXO LABORATORIES LTD., GREENFORD, MIDDLESEX, BYRON 3434



HALEX ANNOUNCE

A WONDERFUL

NEW TOOTHBRUSH

*with nylon
instead of bristles!*

Again, Halex hit the headlines with some *real news*! *A Halex toothbrush with Nylon instead of bristles.* It doesn't go soggy with soaking—and it's BACKED WITH A 40% DISCOUNT! An easier toothbrush to sell. A more profitable toothbrush to sell. This great concession is made specially to introduce the finest Halex yet—and that means the finest toothbrush ever made!

**How we are putting over
the new
Halex with nylon**

Big space advertisements in National newspapers, *Radio Times*, *Punch*, etc., will carry the story of this wonderful new Halex. It's going to set people talking—and buying. *It starts in the middle of June.*

A special, attractive display for your counter, is free with orders for 6 dozen Halex Nylon brushes.

nylon — THE NEW MATERIAL THAT DOESN'T GO SOGGY WITH SOAKING

Nylon is an entirely new material, a triumph of scientific research. It looks like bristle, but it's much more impervious to water: soaking does not make it soggy, hard work does not make it soft. And actual tests prove that Nylon will easily outlast ordinary bristle! Being a Halex toothbrush, the tufts do not split or come out in the mouth.

OVER 9½D PROFIT ON EACH 2/- HALEX *nylon* BRUSH

There are three Halex Nylon shapes—retailing at 1/6, 2/-, 2/6. Suppose you order 3 dozen of the "two shilling" shape, your cost is 43/6. You sell them for 72/-. Your Profit is 28/6! (This special 40% discount only applies to the Halex Nylon toothbrushes.) Order direct or through your usual wholesaler.

. . . And of course, the finest pure bristle brushes, too. For your customers who prefer a fine quality pure bristle brush there's a wide range of Halex toothbrushes to offer. A size, a shape and a colour to match every taste, in the Halex streamline case with *Black and Red label*. 3 shapes at 1/- retail. Others from 6d. to 2/- retail (subject to the usual 33½% discount).

HALEX WITH *nylon*

INSTEAD OF BRISTLES

A FAMOUS FRAGRANCE
IN A FINER PACK . . .



IT'S NEW!

A Gleaming Green Bottle
. a Paris designed
carton and the
true English perfume of
Old Cottage Lavender.

*You would be well advised
to order now before prices rise!*

J. GROSSMITH & SON, LTD.
29 NEWGATE ST., LONDON

Grossmith's
Old Cottage
L A V E N D E R
1/- 1/6 2/6 3/6 5/- Trial Size
in Show Carton 6d.

MAKERS OF FINE PERFUMES FOR OVER A HUNDRED YEARS

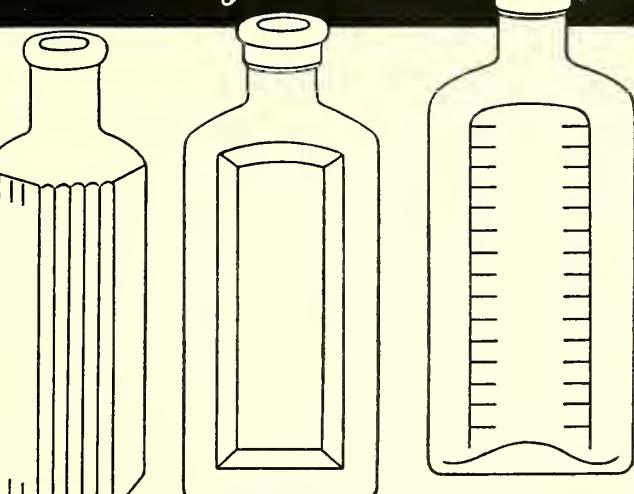
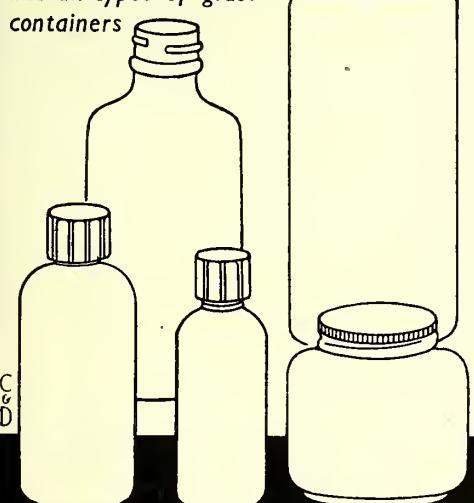
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BOTTLES...with Selling Power!

We solicit enquiries from...
 Manufacturers, Packers and large Buyers
 of Bottles to whom we
 can offer keen prices
 and all types of glass
 containers



MEDICALS - PANELS - VIALS - POISONS
 CHELTENHAMS - TABLETS - JARS (Screw
 cap or other closures) PROMPT DELIVERIES

FREDK. HAMPSON LTD.

ESTABLISHED 1851

PERSEVERANCE GLASS WORKS SALFORD. 5

TELEPHONE: TRAFFORD PARK 0814-5

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Printers for Chemists

SPECIALISTS IN LABELS printed to order
for dispensing and for your own packed lines

**OUR SUTTLEY
D.D.A. REGISTER**
conforms with all the
requirements of the
present Regulations

STOCK bottle labels (black on yellow) in books or single labels—your own wording to order. Poison Registers. D.D. Act Registers, Prescription Books, National Health Insurance Window Bills and Showcards. Skillets—plain tuck-in ends, 2, 4, 8, 16 oz., or white paper wrapped, 1, 2, 4, 8, 16 oz. Parchment Bags, $\frac{1}{4}$, $\frac{1}{2}$, 1 lb. sizes. We hold a large and varied stock of labels for your Proprietary lines. Specimens on receipt of postcard.

SUTTLEY & SILVERLOCK

ANDOVER

Branch of
Kelly's Directories Ltd.

HANTS

London Office : 2 Arundel Street, Strand, W.C.2

Temple Bar 3464 (9 lines)

Write for List of our
New Series Modern
Design Labels for
Packed Lined Goods.

A winning combination

VENO★ENO★THERMOGENE



**The new and simplified buying arrangements
mean INCREASED PROFITS for YOU!**

There is a clear advantage to buyers, both in added convenience and in actual profit, under the new buying arrangements for Veno, Eno and Thermogene Products. **Kindly write at once if you have not received full details of these combined terms.** The amazing Goodwill represented by these three famous names is something to make the most of—all the year round. So keep up your stocks! Come what may your customers will continue to ask for the brands they can trust. Let us know your requirements in good time, so that we may support you to the very best of our ability.

VENO DRUG CO. LTD.

CHESTER ROAD • MANCHESTER 16

**ONLY
SPECIALIZATION**

BATTERY OF OUR
PILL MACHINES.

CAN GIVE PERFECTION IN FINISH
AND UNIFORMITY IN ACTION IN

PILLS & TABLETS

BATTERY OF OUR
TABLET MACHINES.

- PACKED OR BULK
- COATED OR UNCOATED
- STANDARD OR PRIVATE FORMULAE

ESTAB. 1839

Arthur H. Cox
& Co. Ltd.
BRIGHTON

**Don't leave
your "D & P" Service
to chance —**

Send it to

ENSIGN SNAPSHOT SERVICE

FINISHERS
TO THE
TRADE FOR
40 YEARS

**Quality work.
Prompt service.
Liberal discount.
Finest materials.
Special miniature
Service**

Write for price list.

Ensign Snapshot Service, Victoria Rd., Walthamstow, E.17

CLINICAL THERMOMETERS

30-sec. Lens front, long bulb, 12/6 doz.
30-sec. Lens, stubby bulb, 13/6 doz.

- Each in metal case.
- Maker's certificate with each.
- British made.

Special Price—1-doz. lots, 11/6 doz.
Any quantity post paid on receipt of remittance
WAR ADVANCE PRICES

THOMAS SWALES
ST. STEPHEN'S ROAD, LEEDS, 9

"SWALES FOR SUNDRIES"

'CRÊBAN' B.P.C

CREPE BANDAGES

ABDOMINAL BINDERS

BACKING for ADHESIVE PLASTERS

A super bandage
unparalleled for
quality and elas-
ticity at prices
showing greater
profits than any
other make. Ob-
tainable from your
usual Wholesaler.



CREBAN MANUFACTURING CO., WEST GATE MILL, MORECAMBE



Rendells

PRODUCTS

for Feminine Hygiene

W. J. RENDELL LTD

HARDWICK HOUSE, 161-5 ROSEBURY AVENUE, LONDON, E.C.1.

Once again— NEW SALES AIDS

Elastoplast



BACKED

BY

NATIONAL ADVERTISING

AND
MANY STRIKING NEW PRESS ADVTS.

Elastoplast offers



A NEW AND INFORMATIVE SALES UNIT,

displaying facsimile reproductions of 'Elastoplast' Dressings and specially designed to feature the 'Elastoplast' Moulded Display Stand which was distributed last year. *

QUANTITY DISCOUNTS to the Trade are available as follows:

$2\frac{1}{2}\%$ for orders between £2 and £5. 5% for orders between £5 and £10.

$7\frac{1}{2}\%$ for orders of £10 and over.

NOTE : Against N.H.I. prescriptions dispense 'PARAGON' E.A. Bandages, unless 'Elastoplast' is specified. 'Paragon' Bandages rank for QUANTITY DISCOUNTS in making up your order for 'Elastoplast' Products.

If you require
a new set of
Dummy Tins for
your display
stand, please
indicate when
sending in
order form
below.

VERY IMPORTANT This advertisement is the ONLY ADVICE to the Trade concerning this offer. Please, therefore, ACT AT ONCE.

A rush demand is certain. It will greatly facilitate prompt attention if you tear out and use this form.

Please put a ✓ here if a
new set of dummies is
required for Display Stand.

To T. J. SMITH & NEPHEW, LTD. (Dept. C.D.2), HULL

I attach hereto Order for 'Elastoplast' Products, to be invoiced and delivered by my Wholesalers,

Messrs.

Being over £2 in value, this Order entitles me to receive, DIRECT FROM YOU, the new Sales Unit as described in your advertisement.

Signed

QUANTITY DISCOUNTS In addition to full TRADE MARGIN, QUANTITY DISCOUNTS and $2\frac{1}{2}\%$ SETTLEMENT DISCOUNT are available through your Wholesaler. Quantity Discounts apply as follows :—Orders over £2, less $2\frac{1}{2}\%$; over £5, less 5%; over £10, less $7\frac{1}{2}\%$.

PLEASE
AFFIX YOUR
ADDRESS
LABEL HERE



BEAUTIFUL
Glassware

We create and manufacture high quality
glassware for cosmetics and perfumery

WOOD BROS. GLASS CO. LTD.

ESTABLISHED 1828

BARNESLEY

ENGLAND



REG. TRADE MARK

★ EVANS BIOLOGICAL INSTITUTE ★ EVANS BIOLOGICAL INSTITUTE ★

WAR-TIME INCREASES DEMAND FOR VETERINARY PRODUCTS

*Evans Programme of Advertising to Farmers
will create new business all over the country*

COMMENCING in June, the Evans range of veterinary products will be advertised regularly and in large spaces in the National papers devoted to farming, dairy, pig-breeding and poultry rearing interests. Healthy stock is a matter of national importance in these times and the veterinary demand will be correspondingly stimulated throughout agricultural areas. A

long tradition of responsible service to the public is associated with the extensive research laboratories and modern equipment of the Evans Biological Institute. Evans sponsor a range of products which can be relied upon to consolidate your goodwill with the farming community and to increase your turnover while providing a good, consistent margin of profit on every sale.



*Write for lists, terms and free
literature for the
information of your customers.*

Turkey breeders will be asking you for **MALAGRIDE AND MARSAN**

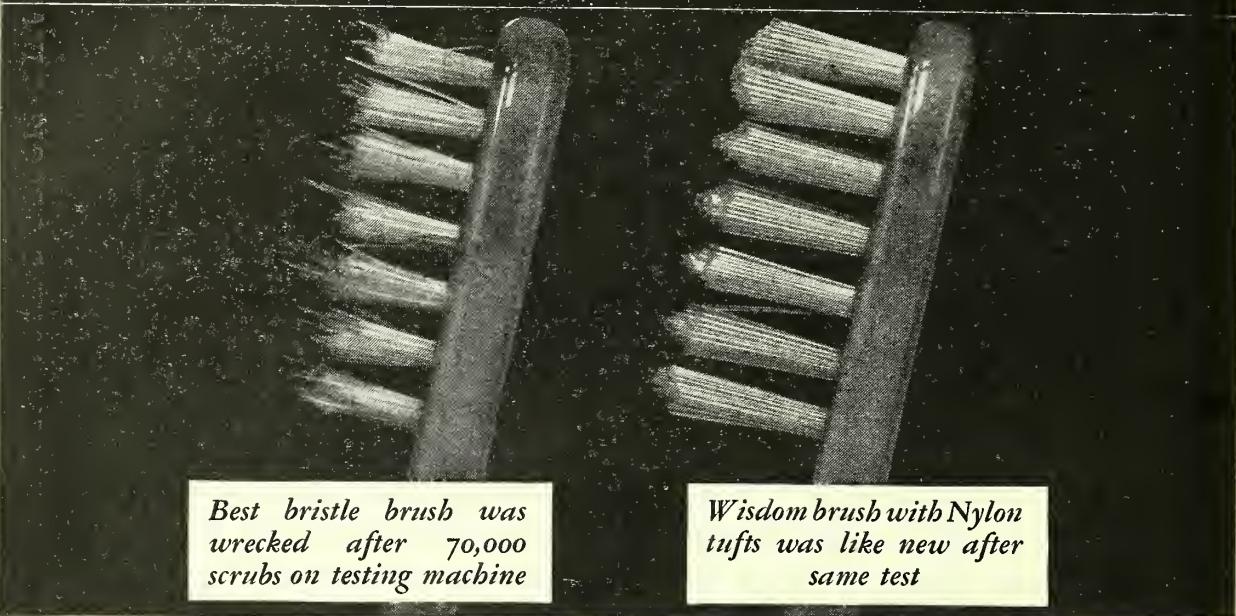
—the effective treatment for Blackhead. Blackhead can destroy up to 90% of a brood of young turkeys unless effectively countered at the outset of the disease. The production of effective anti-Blackhead preparations has been a particularly difficult problem successfully solved by the Evans Biological Institute.

MALAGRIDE is particularly recommended for young birds where injection is found difficult. It is prepared in tablets available in bottles of 25 at 4/-, or 100 at 14/6; dosage varying with the age of the bird from $\frac{1}{2}$ tablet to 2 tablets daily for four days.

MARSAN. Available in the form of prepared solution, is recommended whenever injection is considered practicable. It is issued in ampoules at 3.- containing sufficient to inject 10—5lb. birds (injection can usually be carried out by the turkey keeper but in case of doubt the help of a veterinary surgeon or of the county poultry instructor should be enlisted).

*These products now being advertised to poultry breeders offer a discount of 33 $\frac{1}{3}\%$ to the dealer.
Stocks are available to you by return, complete with explanatory literature*

AMAZING NEW TOOTHBRUSH



Best bristle brush was wrecked after 70,000 scrubs on testing machine

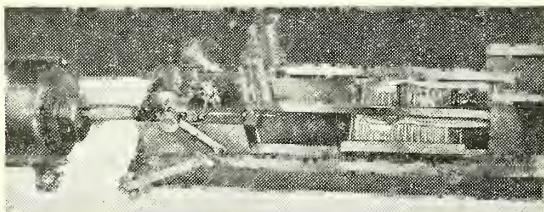
Wisdom brush with Nylon tufts was like new after same test

THE *Wisdom* TOOTHBRUSH WITH NYLON TUFTS

WHAT IS NYLON? *These pictures show why Nylon tufts are better than best bristles.*

NYLON HAS AMAZING PROPERTIES — WATER-RESISTING, HARD-WEARING NYLON TUFTS HAVE THREE TIMES THE LENGTH OF LIFE OF BEST BRISTLES.

NYLON is best described as a super-plastic. It is the outcome of much experiment by the chemists of the du Pont de Nemours Company of America, but is now to be made in this country at a new factory in Hertfordshire. These are the highlights in the story of Nylon as used in Wisdom Toothbrushes. Nylon is *not* a substitute for best bristles—it is an improvement which costs much more!



Test 1. THE WEAR TEST — 70,000 SCRUBS ON GLASS RODS. The brush on the left is a best bristle brush, costing the same money as the Wisdom on the right. Test conditions were identical for both brushes.

Result—the best bristle brush was wrecked, but the Nylon tufts of the Wisdom were still like new. In fact, a Wisdom will outlive three best bristle brushes.

Test 2. THE SOG TEST. Stand a bristle brush and a Wisdom Toothbrush in a tumbler of water for ten minutes.

Then take the brushes out and press the heads down with your thumb. The bristle brush will be soggy—lacking spring. But the Nylon tufts of the Wisdom will spring upright as if dry. REASON—NYLON TUFTS ARE SOLID FILAMENTS, WHILST BRISTLES ARE TUBES.

Test 3. THE DATED HANDLE. This test proves Wisdom wear and economy. It is being featured in advertising, with the suggestion of scratching the purchase date on the handle to see how long Wisdom lasts.

Test 4. THE SHAPE TEST. The Wisdom head is the most sensible yet designed. The handle is cranked so that the head lies back on a shoulder in line with the handle. It gets easily to the backs of wisdom teeth. And because the tips of the tufts lie in a level line—all of the tufts come into action at once. The Wisdom will instantly appeal to everyone, and the beautiful balance of the handle—its clean colours—make it outshine all competitors.



- and here are the trade terms

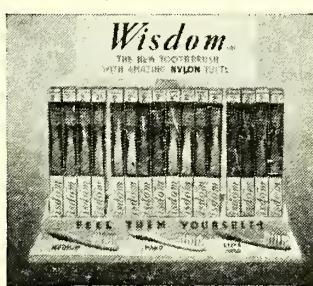
**RETAIL PRICE 2/- P.A.T.A.
PRICE TO YOU 14/6 A DOZEN**

Although Nylon costs much more than best bristles, we give you these generous terms, as well as supporting Wisdom with the boldest toothbrush campaign yet carried out in Britain. Remember that P.A.T.A. means fair trading — you will NOT find Wisdom Toothbrushes in the cut-price shops. Stock up with the Wisdom Toothbrush now — you are bound to get quick sales.

SMART SELL-OUT CONTAINER. Your order for Wisdom Toothbrushes will come to you in this ingenious container — ready for instant display.



No gadgets to bother with, no tricky folds. Holds 6 toothbrushes in front and 6 in back for easy, immediate replacement. Width is only 4 inches — takes up very little room on counter.



PERMANENT DISPLAY-DEMONSTRATOR — FREE WITH ORDER FOR 6 DOZ. INTRODUCTORY PARCEL

Beautifully finished hardwood stand in clean blue and white, small and elegant. The stand does a dual job — displays stock and also demonstrates springiness of Nylon tufts. Actual brush-heads of all three Wisdom grades are arranged so that customers may handle them without spoiling stock — free with introductory orders of 6 doz.

NATIONAL ADVERTISING CAMPAIGN BEGINS JUNE 17th

May we ask you to stock-up now — please!
ORDER THROUGH YOUR WHOLESALER

Wisdom
REGD.

THE BRUSH
WITH
NYLON TUFTS

Price 2/- each MEDIUM · HARD · EXTRA HARD

ADDIS ESTABLISHED 1780
MAKERS OF THE FIRST TOOTHBRUSH

ADDIS BRUSHWORKS, HERTFORD, HERTS.

NOTE THE NEW PRICES

for

ebe

The following revised retail prices are now in force for all Ebe Products. Trade terms remain on the same advantageous scale as before, so it still pays to stock and push Ebe Bath Luxuries. Your efforts during the summer months will be supported by regular advertising to women throughout the country.

BATH POWDER

In seven colours

New size packets, 9d. Also 1/3, 2/6, 3/- and 7/6. Bottles, 3/-, 5/6, 9/- and 17/6. Tins, 16/6, 30/- and 60/-. Boxes, 3/6 and 8/-. Guest packs, 3/-.

BATH FLOWERS

In seven colours

Boxes, 2/-, 3/9, 5/6, 7/6 and 10/6. Books, 21/-.

EBE SOAP

In three perfumes

Bath Soap, per tablet, 1/3. Cosmetic Soap, 1/3. Toilet Soap, per packet of 3 assorted, 1/10/-.

BATH ESSENCE

Pine, 2/6. Concentrated, 7/6.

DUSTING POWDER

In six perfumes

Box with puff, 4/6. Tin with puff, 9/6.

TALCUM POWDER 2/9

HAND LOTION .. 2/6 and 4/6

NAIL VARNISH REMOVER 1/6

MOUTH WASH .. 1/9

MINUS SLIMMING

BATH SALTS .. 2/6

BATH MILK

In six colours and perfumes, 3/6 and 5/6. Boxes, 5/6 and 10/-. Decanters, 25/-.

BATH CONFETTI

In various colours, 3/6, 5/9 and 10/6.

BATH LIQUEUR

3/6 5/6 and 10/-.

GIFT BOXES

Containing an assorted selection of Ebe Bath Luxuries, 17/6.



ebe

Products Ltd. OATINE HOUSE, MERMAID COURT, LONDON. S.E.1

HINDS

doesn't take a summer holiday!

**ALL-YEAR
SALES FOR
FAMOUS
HONEY & ALMOND
CREAM**

Not content with this winter's boom sales, Hinds is establishing its summer market with another forceful, and fully consistent all-the-year-round message. White hands summer or winter, work or no work—Hinds is every woman's standby all the year round. It can be your standby too. It's a steady friend when luxury cosmetics begin to lose their grip.

NOW—HINDS SOLID IN A 1/- JAR

In 'solid' form Hinds has everything that made the liquid so popular, as well as being easy to carry about, and extra-easy to use. Supplies available now from your usual wholesaler or Lysol Limited, Raynes Park, S.W.20.

*Work or no work
you can have white hands*

HOW REDNESS HAPPENS
Washing, cooking heat, rough work and office dust dry up your skin, tighten it so that it loses its elasticity, and cause lots of tiny skin-fractures that roughen and redden hands before you notice.

WHY HINDS!
The marvellously blended ingredients of Hinds Honey and Almond Cream penetrate deep down into the tissues of your under-skin to heal and whiten and nourish them and keep your skin supple. That's why Hinds is so effective—it's more than just a surface worker.

6d. HANDY TUBE or BOTTLE
Hinds comes in a bottle (6d., 1/- and 2/-) or thicker in a 6d. tube. Choose which you fancy and make a point of rubbing in Hinds at least once a day.

White hands by
HINDS
HONEY AND ALMOND CREAM

Popular women's magazines are carrying the new-style Hinds advertising through the summer. Demand is following thick and fast! Are you ready?

**stock up and
be backed up by
HINDS**

"Adaptocaps"

SELF-SEALING CAPSULES

FOR ALL BOTTLE CAPPING LONDON MADE

THE CAPSULE REMOVER ensures easy and rapid removal of the capsule. It also adds a seal of quality.

THE LONDON CAPSULE CO.

EMPIRE WORKS · MITCHAM ROAD · CROYDON

Telephone: THORNTON HEATH 1234/5

BRITISH MADE

Wanie Registered

Blades 8½ PER GROSS

THE BLADE THAT MAKES YOUR FACE SMILE!

NOW an All-British product

Obtainable through your usual Wholesalers
TRADE ENQUIRIES INVITED

LONDON & PROVINCIAL FACTORS, LTD.
146 THEOBALD'S ROAD - - LONDON, W.C.I

MOSANS
Non-Greasy, Odourless
QUININE PESSARIES
15/- per doz. boxes
Obtainable from all Wholesalers
OR
MOSANS LABORATORIES, S.E.27

OPTICAL TUITION
FOR THE
S.M.C., B.O.A. and N.A.O. DIPLOMA Examinations
Particulars:—
C. A. SCURR, F.S.M.C., F.B.O.A., F.N.A.O., F.I.O., F.C.O., M.P.G.
50 HIGH STREET, BARNET, LONDON, N.

ASMOLIN for Asthma
The most profitable Asthma Treatment on the market
Excellent display material and sales aids provided
D. MAWDSLEY & CO., 4 & 6 Riga St., Manchester

TAMPAX
Sanitary Protection *WORN INTERNALLY*

Sole Distributors: Splendor Ltd., 5 Beastmarket Hill, Nottingham for Tampax Ltd., 10, Bolton St., London, W.L. Factory: Belgrave Rd., Northolt, Middlesex.

Every Pharmacist should possess a copy
of this **New Edition** of . . .

THE ART OF DISPENSING

Re-written, completely revised, with fresh illustrations and new features—this is the most up-to-date book obtainable on the subject of dispensing and compounding. It is in fact an essential part of the equipment of every dispensary. Compiled by experts for the use of the Craft, it simplifies the many problems which frequently arise in the day's work at the dispensing counter.

This book is the recognised authority on the subject—it gives practical information in concise form. You need a copy if you are to keep abreast of present day pharmaceutical practice.

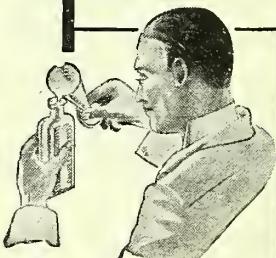
PRICE 10/6 11/- Post Free

Order from your usual wholesaler, or from the Publisher.

The

CHEMIST AND DRUGGIST

28 ESSEX STREET, STRAND, LONDON, W.C.2





bumper bonus offer!

- 1 You sell two 6d. tubes at the standard price.
- 2 In return for two whole empty 6d. cartons you sell 1/3 tube for 1d.
- 3 YOUR LOST PROFIT MADE UP AND CREDITED IN FULL BY US.
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1 dozen packets of 10 value 18/- for 13/6
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1/3 bottles (4 oz.)	9/6 per doz.
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ANTI URIC SALTS (Effervescent)

1/6 bottles -	-	10/- per doz.
2/- " -	-	15/- "
8d. tins -	-	5/3 "
6 doz. -	-	5/- "
Gross -	-	4/9 "

CLARKE'S LIVER SALTS

7d. tins (4 oz.)	-	5/- per doz.
3 doz. -	-	4/9 "
Gross -	-	4/6 "

ALL THE YEAR ROUND HEALTH SALTS

4 oz. tins -	-	4/6 per doz.
3 doz. -	-	4/3 "
Gross -	-	4/- "
1/2 bottles (4 oz.)	-	8/- "
1/9 " (8 oz.)	12/-	"

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6½d. tins (4 oz.)	-	4/- per doz.
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Gross -	-	3/6 "

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To the uncertainties of British weather are added the uncertainties of a war-time holiday season.

Therefore, to limit your trading risks and outlay, yet ensure all possible profit, it will pay you to feature and recommend Rayfilta Sun Tan Jelly this year.

ATTRACTIVE SALE-OR-RETURN TERMS

We will supply you immediately with any reasonable quantity of Rayfilta on a Sale-or-Return basis. We will supply further quantities on the same basis throughout the summer, provided that the first parcel may be invoiced firm before the second is supplied on the Sale-or-Return basis.

You thus run absolutely no risk, no matter how late in the season. Unsold goods should be returned for credit by September 20th.

RAYFILTA WELL ESTABLISHED LAST YEAR

We would remind you that Rayfilta is the latest scientific development in sun-tan preparations. It contains a perfect sun-filter, is non-greasy, invisible in use and effective for even the most delicate skins. It was introduced to the public last year and, despite adverse weather conditions and the outbreak of war, firmly established itself in public favour.

FORCEFUL ADVERTISING CAMPAIGN

Rayfilta advertising begins this month. Forceful advertisements will appear regularly in PICTURE POST, ILLUSTRATED, EVERYBODY'S WEEKLY, WOMAN, WOMAN & BEAUTY, WOMAN'S FAIR, BRITANNIA & EVE, NEWS REVIEW, LILLIPUT, LONDON OPINION, PICTUREGOER, PICTURE SHOW, CYCLING, PARADE, etc.

PLACE YOUR 'SALE-OR-RETURN' ORDER FOR RAYFILTA NOW

Remember

There is no 6d. size of Rayfilta. The profit margin is generous—30% on the 1s. 3d. size, 33½% on the 2s. 6d. size. In addition, a free tube with every dozen.

Rayfilta
SUN TAN JELLY

FOR SAFE SUN TAN

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The most convenient presentation of this essential product. Saves valuable time. Always fresh. Always ready for immediate use.

Conveniently packed for portability and for easy application.

Tubes of 20 gm. (3 4 oz. approx.)
Tubes of 4 oz. (113 gm. approx.)

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'Stankap'; Asthma; Digestive

LOZENGES

Iodized Throat; 'I-O-Mints'
Bismuth Co. B.P.; Antacid,
Linseed, Liquorice and Chlorodyne
Analgesic Throat

PHARMACEUTICALS

'Pulvellæ' and 'Chocellæ'
Olive Oil (*Warrick Freres*)
'Carbo-Absorbent'
Granules—'Stankap' and Digestive

PERFUMES & TOILETS

Maddocks' and Hendrie's Series
'Cinet' and 'Fragretta'
Rose and Orange Flower Waters
Pot-Pourri and Lavender

PASTILLES

Glycerine of Thymol Comp.
Chronic Catarrh; Cherry Cough
Glycerine, Lemon and Honey
Iodized Glycerine Black Currant

TABLETS

Mouth Wash (Effervescing)
Bismuth Dyspepsia
Bismuth, Pepsin and Pancreatin
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COLD PRODUCTS

'Nostrones' (Complete Treatment)
Ephedrine Nasal Compound
Smelling Salts
Ephedrine Nasal Cream

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NEWS OF THE WEEK

Pharmaceutical Society of Great Britain.—A report of the annual meeting and the Council election result is given in the Coloured supplement.

Shop Window Lighting.—The Minister of Home Security has issued a notice stating that the police have been instructed that shop window lighting and lights on stores in streets are prohibited. Signs of the authorised type indicating that shops, etc., are open, will continue to be permitted.

A.R.P. Bleach Ointment.—Bleach ointment No. 1, which is now called Anti-Gas Ointment No. 1, is shortly to be the subject of a British Standards Institution specification. According to the A.R.P. Department of the Home Office, neither the War Office nor the A.R.P. authorities propose to disclose the formula for Bleach ointment No. 2.

Control of Starch.—The Minister of Food has made an Order which prohibits, except under licence, and at current prices, all dealings in farina (potato starch), farina dextrin, and all starch products made from farina. The Order also requires every person holding a stock of more than one ton of farina to make a return thereof to the Director of Starch Supplies, 41 Tothill Street, London, W.1, by whom all licences will be issued. The Order takes effect on May 10.

Association of British Insecticide Manufacturers.—At the annual meeting on May 8, the following officers and executive committee were elected: *Chairman*, Mr. L. F. Braga (Plant Protection, Ltd.); *Treasurer*, Mr. H. J. Jones (Hemingway & Co., Ltd.); *Auditor*, Mr. R. A. Blair (Burt, Boulton & Haywood, Ltd.); *Executive Committee*, Messrs. R. A. Blair, W. V. Blewett, E. Z. Bolt, R. V. Raven, J. S. Mitchell, and J. H. Reid; *Secretary*, Mr. J. Davidson Ratt, 166 Piccadilly, London, W.1.

Fine Chemical Export Group.—At a meeting of members of The Association of British Chemical Manufacturers held on May 1, a Fine Chemical Export Group was formally inaugurated and has now received the recognition of the Export Council of the Board of Trade. The object of the Group is broadly to promote the export trade in accordance with the policy and procedure of the Export Council as outlined in the White Paper Cmd. 6183. Any person, firm or body corporate, being a manufacturer of fine chemicals, and actively engaged in carrying on in the U.K. export trade in these products, will be eligible for membership of the Group. The term "fine chemicals" is to include all fine chemicals except medicinal chemicals when they fall within the scope of the Pharmaceutical Export Group. The Group will co-operate not only with the Export Council and various Government Departments, but also with other Export Groups including those to be formed by this Association to deal with other branches of the chemical industry and any Export Groups of merchants. At the meeting on May 1, twenty-three firms signified their intention to join the Group. Other firms who are interested in obtain full particulars on application to the Association at the above address. The chairman of the Group and of the Executive Committee will be Major T. Knowles (Monsanto Chemicals, Ltd.) and Mr. T. D. Morson (Thomas Morson & Son, Ltd.) will be vice-chairman. Mr. R. Murdin Drake has been appointed secretary-manager of the Group and will operate from the above address. The Executive Committee will consist of the following gentlemen:—Mr. G. E. Howard (Howards & Sons, Ltd.), Dr. P. C. C. Isherwood (W. J. Bush & Co., Ltd.), Major T. Knowles (Monsanto Chemicals, Ltd.), Mr. T. D. Morson (Thomas Morson & Son, Ltd.), Mr. C. L. Paul (Boots Pure Drug Co., Ltd.), Mr. G. W. Startin (Albright & Wilson, Ltd.), together with the general manager of the Association

of British Chemical Manufacturers as an *ex officio* member. The first problem which the Group will undertake will be to investigate and deal with the difficulties which firms are already encountering in meeting the export orders on their books. The main problems will be connected with raw materials, an increasing number of which are now in short supply, packing materials, shipping, etc. The Group will then proceed to investigate the various export markets and the best methods of securing increased British trade in various parts of the world.

Early Closing Association.—The Early Closing Association, at its annual meeting on May 2, unanimously passed a resolution urging the Government to consider curtailing pre-war shop hours.

Newcastle Works Visit.—Members of the Newcastle and Northumberland Branch of the Pharmaceutical Society visited the City Road Soap Works of Thomas Hedley & Co., Ltd., Newcastle-on-Tyne, on May 1. After seeing the various stages of the manufacture of the company's products the party was entertained to tea.

Manchester Association Junior Branch.—At a recent meeting of the executive committee of the junior branch of the Manchester Pharmaceutical Association the following officers were re-elected: *Chairman*, Mr. A. Harding; *Vice-Chairman*, Mr. M. Hesketh; *Treasurer*, Miss B. Morrison; *Secretary*, Mr. J. Tomlinson.

Dangerous Drugs Act Prosecutions.—At Sedgley (Worcestershire) Police Court, recently, Edward A. Watson, M.P.S., was fined £15 for failing to keep proper records in respect of transactions in dangerous drugs.—At Reading Police Court, recently, R. H. Bluring, M.P.S., was fined £5 for failing to keep dangerous drugs in a locked container.

Golf Competition.—Manchester Chemists' Golfing Society's opening meeting of the season, a competition against bogey for a prize by Mr. R. Hough, (Hough, Hoseason & Co., Ltd.), was played at Sale Golf Club on May 8. The leading returns were:—G. M. Evans, 1 up, winner; V. Cromack and M. N. Aitken, 3 down, tied for second prize; J. W. Aves, 4 down; S. M. Bostock, 4; F. D. Gee, 4.

Inspections of Premises.—In his annual report, the Chief Constable of Manchester states selected officers made 400 visits of inspection to premises of retail chemists and wholesale druggists during the year; stocks, registers, orders, and prescriptions in possession of authorised suppliers were examined, and in one case it was found necessary to take proceedings against a chemist for a breach of the Regulations.

Ipswich Branch Officers.—The annual meeting of the Ipswich Branch of the Pharmaceutical Society was held recently. Mr. L. Piper was re-elected *Chairman* for the eighth year. The *Treasurer* (Mr. F. W. Wiggin) and *Secretary* (Mr. G. G. Hay, 16 Upper Brook Street, Ipswich) were re-elected. The new *Committee* consists of Mrs. Cook and Messrs. Farr, Robinson and Veale, the *Auditors* being Messrs. Farr and Veale. Mrs. Cook and Mr. Piper were appointed delegates to the British Pharmaceutical Conference.

Hull Bridge and Whist Drive.—A bridge and whist drive organised by Hull Chemists' Association in aid of Hull Women's Hospital raised £22. The organiser was Mrs. E. A. Brocklehurst, wife of the Association's president, who headed an enthusiastic ladies' committee, and the drive was attended by 180 players. Over fifty prizes were awarded. Special prizes were won by the Mesdames Dutton, J. H. Robinson, H. Stephenson, Rishworth, R. E. Booth, and Ferne. Among those who contributed prizes were the president (Mr. E. A. Brocklehurst), Lofthouse & Saltmer, Ltd., and Miss Rolfe (Boots, Ltd.). Mrs. Brocklehurst made the presentations. The annual meeting of the Association and branch of the Society was held on

May 7. The retiring president (Mr. E. A. Brocklehurst) reviewed the activities of the year, making special mention of 61 lb. of tea collected from members for the Church Army canteen in Paragon Station, Hull. Officers for the session were elected as follows: *Chairman*, Mr. W. E. Naylor; *Vice-Chairmen*, Messrs. Stephens and H. Ringrose; *Secretary*, Mr. B. Foster; *Treasurer*, Mr. C. A. Hewitt; *Minute Secretary*, Miss W. Vokes; *Social Secretary*, Mr. C. B. Holliday; *Committee*, Mrs. E. A. Brocklehurst, Miss Palmer, Dr. Drummond, Messrs. King, H. Bays, and K. Clapison. Prizes for successful students at Hull Technical College were awarded to Mr. L. W. Booth and Miss D. Barker.

King's Lynn Annual Meeting.—The annual meeting of the King's Lynn Branch of the Pharmaceutical Society was held on May 1. The chairman (Mr. H. Oakley) referred to the events of the past year, mentioning the co-operation of pharmacists in the local Air Raid Precautions scheme, which he said had attracted the attention of the Society. The following officers were elected: *Chairman*, Mr. H. Oakley; *Vice-Chairman*, Mr. J. R. Hayes; *Secretary*, Mr. F. C. Bentley; *Treasurer*, Mr. C. H. Ingamells; *Committee*, Messrs. K. Rigg, Wisbech; J. Christie, Downham; G. White, Burnham Market; J. Garlick, Swaffham; and W. H. Alderton, King's Lynn.

Women Pharmacists.—At the annual meeting of the National Association of Women Pharmacists on May 1, a proposal by the president (Miss F. M. Harvey) that the entrance fee to the Association should be abolished was carried unanimously. Mrs. J. K. Irvine, M.B.E., afterwards spoke on "My Three Years on the Council of the Pharmaceutical Society." The officers and committee of the Association were elected on May 9, as follows:—*President*, Miss F. M. Harvey; *Vice-President*, Miss G. Hindes; *Secretary*, Miss C. Mozley-Stark, The Dispensary, Lewisham Hospital, London, S.E.13; *Treasurer*, Miss F. E. Sachs; *Employment Secretary*, Miss M. C. Islip; *Assistant Secretary*, Miss V. Burrell; *Assistant Employment Secretary*, Miss D. M. Jones; *Committee*, The Misses Blundell, Dennis Hayes and Hodgkinson; Mrs. Skinner; *ex officio*, Mrs. A. Freke and Mrs. J. K. Irvine.

West Londoners' Supper and Address.—Mr. D. R. Evans (branch chairman) presided at a recent meeting of the Western Pharmacists' Association and West London Branch of the Pharmaceutical Society. Following supper, the chairman reminded those present that one of the Branch members (Mrs. Irvine) was standing for re-election to the Society's Council, and pledged her the support of the Branch. Mrs. Irvine briefly outlined her policy. A cine film entitled "Colloids in Medicine" was then projected. The film illustrated the development of colloid theory following early experiments on solutions placed in a dialyser. Brownian and colloidal particles were shown by means of photographs taken through an ultra microscope, and the comparative actions of colloidal and crystalloid solutions when injected into the blood stream or taken orally were shown. Afterwards Mr. R. T. N. Haines gave a short address on "Recent Developments in Vitamin Therapy," dealing with the most recent discovery—anti-haemorrhagic vitamin K. He explained the value of this factor in effecting blood clotting in certain abnormal blood conditions, but emphasised that it had not as yet proved its value in haemophilia. He also dealt with the use of vitamin A in "night blindness." Mr. John Phillips proposed and Mr. Howard Evans seconded a vote of thanks to the speaker.

Sheffield Approves Resolutions for Conference.—A meeting of the Sheffield Branch of the Pharmaceutical Society was held recently, Mr. W. Wood (chairman) presiding. The following resolutions were proposed and carried for consideration at the London Conference:—By Mr. M. J. Sewell: "That this Conference views with deep concern the ever-increasing number of patent medicines which are being placed on the market and considers that the time is now opportune for steps to be taken to counteract this. It therefore urges the Society, in conjunction with the National Pharmaceutical Union, to contact the executive committee of the General Medical Council and British Medical Association, to consider joint action with a view to the promotion of necessary legislation which may ensure that with all present and future patent medicines their formulas, prices, claims and advertising are considered, certified and accepted by a statutory committee appointed by the Minister of Health before distribution to the public is allowed"; by Mr. E. Preston: "That the results of each examination be published on one date simultaneously in London and Edinburgh." By Mr. J. E. Crowe: "That the part of the Society's headquarters not at present in London be moved back to Bloomsbury Square forthwith, so that the whole of the Society's headquarters be at one centre." By Mr. J. T. Appleton: "That no asterisks be placed beside the names of retiring Council candidates on the voting paper." The following delegates were appointed as Branch representatives to the Confer-

ence: Messrs. J. T. Appleton, J. E. Crowe, C. W. Hobson, E. A. Kirman; reserves, Messrs. P. Hessey and W. Jamieson.

Forensic Points Explained at Blackburn.—A talk on "Some Recent Contacts of Pharmacists and the Law" was given to the North-East Lancs Branch of the Pharmaceutical Society, recently, by Mr. Harry Brindle, Ph.C. (head of the pharmacy department, Manchester University), Mr. Emeric Eccles (president) in the chair. Mr. Brindle quoted recent cases arising from the operation of the Pharmacy and Poisons Act, 1933, to show that not all chemists were familiar with all aspects of the legislation.

In the discussion which followed, MR. BRINDLE said there was nothing in the D.D.A. regulations to compel a chemist to make periodical returns of his dangerous drugs. MR. TURNBULL agreed with the lecturer that it was unfair to penalise a chemist simply because he kept his D.D.A. register under lock and key. A motorist who did not display his current licence was not proceeded against if the licence was produced to the police within reasonable time—surely the same condition should apply in the case of the D.D.A. register. MR. BRINDLE mentioned, in reply to questions on the point, that a student who had served two years' apprenticeship in pharmacy was in a reserved occupation whatever his age or current position. The point was that his services would be available in this direction if ever the necessity arose. He also declared that there was no justification for the fear that examiners restricted the number of entrants to the profession or had instructions in this direction. Examiners invariably tried to pass a student if at all possible. Mr. Brindle was thanked on the motion of MR. S. NOWELL, seconded by MR. H. H. ATHERTON. A collection was taken for the Society's Benevolent Fund.

Resolutions Carried at Wolverhampton.—At the annual meeting of the Wolverhampton Branch of the Pharmaceutical Society on May 7 the following officers were elected: *Chairman*, Mr. George Pirie; *Vice-Chairman*, Mr. A. A. C. Whick; *Treasurer*, Mr. C. M. Warner; *Auditor*, Mr. A. E. Marlow; *Librarian*, Mr. A. Warburton; *Conference Delegates*, Messrs. George Pirie and H. L. Warner; *Committee*, Messrs. Careless, Dyson, Frost, Roberts, Rimmer and C. M. Warner; *Secretary*, Mr. J. Foster Taylor, Showell Circus, Wolverhampton. The following resolution was passed: "That apprentices serving under members of this Branch shall attend, during business hours in each school session, at least two afternoon periods (2.30 to 5 p.m.) at the Wolverhampton & Staffs Technical College, for pharmaceutical study, always provided the apprentice attends one evening period. To take effect with all indentures dated on and after June 1, 1940." The secretary mentioned that the conditions of award of the Branch prize needed revising and the following resolution was carried: "That the suggested alteration in the award of the Branch prize (a British Pharmaceutical Codex or books to the value of 35s.) is hereby confirmed, and the prize shall be open to all pharmaceutical students in the full-time science course at the Wolverhampton & Staffs Technical College, without further qualification. The secretary also spoke at some length upon incorporation of the Branch with the Association and resolutions expressing a desire for affiliation and asking that the Branch and Association committees should meet to explore its practicability were passed. The secretary stated that arrangements had been completed for commencing a first-aid class on May 22. The charge was 5s. for a course of about ten lectures. The officers were thanked for their services during the past year on the proposition of Mr. Coleman, seconded by Mr. Hagyard.

IRELAND

Irish Drug Association.—Mr. P. F. McGrath (president) was in the chair at a committee meeting of the Irish Drug Association on April 29. The secretary (Mr. R. J. Kidney) reported that representations had been made to the manufacturers of a proprietary food following a price increase without change of profit to retailer. The committee noted with regret that the manufacturers could not accede to the Association's request to allow the same rate of profit as formerly, and decided to draw the attention of members to the attitude of the manufacturers. It was agreed that representatives of the Association should meet representatives of the Irish Union of Distributive Workers and Clerks to discuss the Union's demand for increased wages and other matters.

Winding-up of Society Proposed.—The annual meeting of the Chemists' and Druggists' Society of Ireland was held on May 8, the president (Mr. Fred Storey) in the chair. The annual report, presented by Mr. James Macauley (secretary), stated that the membership had been maintained, but the Society had lost by death Messrs. H. Roberts, Hamilton, R. Hastings, J.P., Jacob Walsh, Mitchell, Sandford and Andrews, Banbridge. It was still represented on the

Pharmaceutical Council by Messrs. S. Gibson, John Grimes, and William Martin, assisted by Mr. Charles Abernethy as a pharmaceutical representative. The Chemists' Benevolent Fund was now well established, and the Society had three representatives on the Committee: the president, Messrs. Martin and S. Nevin; it was satisfactory that this Committee was now in a position to make grants. Mr. Storey continued to represent the Society on the Belfast Chamber of Commerce. No candidate had qualified during the year for the Haslett Memorial Medal. The financial statement, submitted by Mr. W. Gibson in the absence through indisposition of his brother, Mr. Samuel Gibson, J.P., showed that the Society's finances were in a sound condition. Moving adoption of the reports, the PRESIDENT commented on the number of candidates coming forward for examination—many more than could normally be absorbed—and said one could not but feel alarmed at such a state of affairs. Mr. H. JOHNSTON seconded, and the reports were adopted. Mr. J. F. GRIMES J.P., Pomeroy, complimented the president and office-bearers on their service to the Society over many years. The PRESIDENT was re-elected on the motion of MR. ABERNETHY, seconded by MR. GRIMES. On the motion of Mr. H. McQUITTY, seconded by MR. J. GRAY, the Vice-Presidents (Messrs. F. T. Smith, J.P., W. E. Wilson, J. F. Grimes, J.P., S. Nevin and C. Abernethy), Secretary and Treasurer were reappointed, the last-named (Mr. S. Gibson, J.P.) for his fifty-second successive year. All other office-bearers were re-elected. MR. ABERNETHY thought it was the opinion of many members that the time had come when the Society should be wound up. No new members were coming forward; it had had a useful and prosperous career, and had accomplished all it had set out to do. As the members were adequately protected and catered for by the Ulster Chemists' Association and the Pharmaceutical Society, he moved: "That a recommendation be sent from this annual meeting to the general committee that the coming year be used to consider the position and take legal opinion as to the best ways and means for winding up this Society and preparing a scheme whereby the capital thereof can be so disposed as to form a lasting memorial of this Association, the findings of the Committee to be placed before a meeting, specially convened, of all members, past or present, for their acceptance, amendment or rejection." MR. W. GIBSON seconded and MR. E. A. RICHEY supported. The PRESIDENT said he personally would deeply regret the passing of such an old and useful organisation. The motion was adopted. The president afterwards entertained the members to tea.

SCOTLAND

Paisley Association Officers.—The annual meeting of the Paisley Chemists' Association was held on April 22, when the following office-bearers were appointed: President, Mr. J. Black; Vice-President, Mr. Wm. Stewart; Secretary and Treasurer, Miss A. Acton, 21 Greenock Road, Paisley; Committee, Messrs. A. Whiteford; J. Kerr; E. Scorgie and W. Rabb.

Food Preservative Regulation for Scotland.—The Secretary of State for Scotland has issued the Public Health (Preservatives, etc., in Food) Amendment Regulations (Scotland), 1940, to come into operation immediately. The amended regulations prohibit the presence, in bacon or any cooked meat or article of food prepared from cooked meat, of sodium or potassium nitrite.

EMPIRE AND FOREIGN NEWS

New York World Fair.—The second season of the Fair opened on May 11 and will close at the end of October.

Proprietaries Registered in Canada.—In the year ended March 31, 1939, the number of new proprietary medicinal preparations registered was 518. The total number of proprietaries for which licences were issued was 5409.

Drugs Added to Schedule, South Africa.—Sulphanilamide and its derivatives, dinitrophenols, and croton oil added to Division II of the schedule, under a motion put by the Minister of Public Health and agreed by the House of Representatives recently.

Bandage Supplies in South Africa.—Early difficulties experienced in Cape Town in obtaining surgical bandages and other medical supplies have eased off considerably. It is understood that the British Government has allowed exports of such supplies, and it is likely that a large reserve stock will be acquired in the Dominion.

U.S.P. Convention Public Conferences.—Scientific conferences open to the public were arranged to take place on the afternoon and evening of May 13, the day preceding the sessions of the Pharmacopœial Convention, Washington, D.C. The following were among subjects suggested for discussion:—U.S.P. Scope and Nomenclature; Biological Assays; Inorganic and Organic Chemicals and Reagents; Volatile Oils; Extracts, Fluidextracts, and Tinctures; Water, Solutions, Spirits, Syrups, Elixirs and Miscellaneous Galenicals; Ointments and Cerates; Vitamins; Surgical and Sterile Products; Packaging and Preservation of U.S.P. Products.

U.S. Test for Transparent Plastics.—An accelerated ageing test for the durability of transparent plastics when exposed to direct sunlight in the presence of air has been developed at the National Bureau of Standards of the United States Department of Commerce. Plastics made according to old formulas were found to craze, turn yellow or otherwise lose their transparency on prolonged exposure to direct sunlight in presence of air. The defect has been largely overcome in the newer types of plastics, but continued improvement must be based upon experiments. The accelerated method consists of exposing the material first to fog and then to ultra-violet light and repeating. The test has been checked against actual exposure to weather in Washington, Florida, and Panama, and the results have been found reliable.

South African Firms to Manufacture German Medicines.—The Union Government has decided to render available to South African firms under certain conditions certain German medicinal patents registered in Pretoria. It is estimated that about sixty applications will be made to the Patent Office by South African manufacturers. The German holders of the patents are to be protected by the Union Government, and users of the patents will be required to pay into the Treasury certain royalties, which will be retained in a special account until the end of the war, when it is planned to make restoration to the original holders. Permission to manufacture such medicines in South Africa will be granted only for the duration of the war and for six months after the conclusion of peace. A new Merchandise Marks Bill, which Parliament is expected to pass this year, will render it necessary for all chemical and other goods to be clearly marked with the country of origin.

TOPICAL REFLECTIONS

Recent British Pharmacopœias.—Many of your readers must have been intrigued by the statement, made at a North Staffordshire meeting (p. 352), that "the last 'real chemist's' British Pharmacopœia was the 1885 issue." As one who worked for several years with this book as the leading authority, I still have a personal regard for it. The type is more comfortable to read than that of its successor; the pages have a homely appearance, suggesting that every process can be carried out in an average pharmacy; and an occasional literary touch, such as the phrase "by affusion of water," suggests a more leisurely age than the present. (So leisurely, indeed, were the 'eighties that I have heard of the chemists and assistants of that decade playing whist in the consulting room in the afternoon.) But if Mr. Beeston, the speaker to whom the remark is attributed, thinks it possible to return to the comparative simplicity of the 1885 Pharmacopœia, he will find few to agree with him. Standardisation, sparingly recognised in 1885, had made considerable strides by the time that the 1898 B.P. arrived; and it has so increased in importance that the present Pharmacopœia is often described as a book of standards. In an age of specialisation pharmacists in retail business must know what standards are in use, but can seldom afford the time or the apparatus needed to apply them.

Official Herbs.—By a coincidence, the writer of an article on p. 359 entitled "Changes the War may Cause," suggests the possibility, as a result of rationing, of British herbs regaining "some of their lost popularity." He continues: "Will old names—eye-bright, celadine, marshmallow, tansy—come creeping back into the Pharmacopœia?" As briefly related in the seventeenth chapter of Wootton's "Chronicles of Pharmacy," the 1,028 samples of the first London Pharmacopœia included 271 herbs, 138 roots and 138 seeds. (A fairly good analysis of the contents of the London Pharmacopœias will be found in the third volume of Munk's "Roll of the College of Physicians.") By the middle of the next century (1746) the official *materia medica* had been reduced to 272 items or collective items; and, as we know, the number in the present Pharmacopœia is still smaller. I see no indication at present of a turn of the tide in respect of pharmacopœial herbs. Let it be granted that there may be, even in this country, plants with unsuspected medicinal properties. But in order to qualify for admission to a present-day pharmacopœia a plant would have to undergo a lengthy process of clinical trial. False hopes based on uncorroborated statements are mischievous. I had rather eat most British herbs as ingredients in a salad than look to them for therapeutic result.

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LEGAL REPORT

Trade Marks Act Appeal.—The Court of Appeal (Master of the Rolls and Lords Justices MacKinnon and Clauson) on May 9 delivered reserved judgment in the appeal of Bismag, Ltd., from the order of Mr. Justice Simonds—on December 21, 1939—dismissing their claim against Amblins (Chemists), Ltd., Harrow Road, London, W., for an injunction restraining infringement of the trademark "Bisurated" in connection with magnesia.

The infringement was alleged to have been committed in a pamphlet issued by Messrs. Amblins attacking patent medicines. In one column were set out advertised patent medicines, and in the next column Amblins Medicine (Brand) Prescriptions.

The arguments in the Court of Appeal were published in the *C. & D.*, April 20, p. 294, together with the facts as stated by Mr. Justice Simonds, who held, however, that the appellants' claim for an injunction restraining passing-off succeeded.

The Master of the Rolls said the appeal raised for the first time questions as to the meaning of Section 4 of the Trade Marks Act, 1938. Mr. Justice Simonds held that the section did not, in effect, alter the existing law. After referring in detail to the respondents' pamphlet and to other printed matter concerning the same subject his lordship went on to say that there could be no two opinions about this: That the respondents were saying as clearly as anything could be said, that whereas they were prepared to sell the various patent medicines described in their literature they were offering and recommending to the public remedies of precisely the same composition and having the same virtues at a lower price. They were in effect saying that their remedies were the exact equivalent of the appellants' remedies. If the respondents had confined themselves to this there would have been no contravention of the law, and if they had identified the patent medicine only by the name of the manufacturer there would have been no ground for complaint. But, said his lordship, the respondents used the mark "Bisurated" in the trade-mark sense. It was used as a convenient method of describing their goods in the sense of saying that their "Bismuthated" tablets were the same as the "Bisurated" tablets. They were thus obtaining the benefit of the appellants' trade-mark.

From the point of view of commercial morality there was this to be said, his lordship commented. The public who bought patented goods were ignorant usually of the name of the manufacturers, and it would not therefore be of any profit to the respondents to advertise the goods merely by the name of the manufacturers and without reference to the trade-mark. But directly the trade-mark was used all doubts disappeared and the public knew they were being offered a remedy that was said to be equivalent to the remedy known by the name "Bisurated."

With regard to the law, before the 1938 Act the action of the respondents which he had described would not have amounted to infringement of trade-mark. But that had been altered by the 1938 Act, which was passed as the result of the position created by the House of Lords' judgment in the case of *Irving's Yeast Vite v. Horsenail*. In his view, the respondents did exactly what the respondent did in that case.

He was of the opinion, said his lordship, that the respondents had infringed the exclusive right of the appellants to the use of the trade-mark in relation to the goods in question, as defined by Section 4 of the 1938 Act. They had used it "in the course of trade in relation to any goods in respect of which it is registered" (Section 4, subsection 1).

"I conclude therefore," said the Master of the Rolls finally, "that the effect of this legislation is to alter the law as laid down in the Yeast Vite case and to make what the respondents have done an infringement. The appeal should be allowed."

Lord Justice Clauson agreed, but Lord Justice MacKinnon, in a judgment largely concerned with the interpretation of Section 4, the language of which he described as "a masterpiece of obscurity," dissented. He could not see, he declared, that the respondents had used the trade-mark in relation to their own goods. So far as the pamphlet was concerned they had used it, he said, in relation to no other goods than the appellants', and it was permitted to them by subsection 3a of Section 4.

The appeal was therefore allowed with costs, and the appellants were also allowed the costs of the hearing before Mr. Justice Simonds. The Master of the Rolls said the judgment of Mr. Justice Simonds would be varied by granting the appropriate injunction, and there would be an order for the delivery up of all infringing material.

Leave to appeal to the House of Lords was granted to Amblins (Chemists), Ltd.

COMPANY NEWS

P.C. means Private Company and R.O. Registered Office

D. & W. GIBBS (OVERSEAS), LTD. (P.C.).—Capital £1,000. Objects: To manufacture and deal in soaps, soap powders, dentifrices, perfumery, etc. R.O.: 105 High Street, Wapping, London, E.R.

VARKOFF PROPRIETARIES (1940), LTD. (P.C.).—Capital £100. Objects: To carry on business as manufacturing chemists and dealers in patent medicines, etc. R.O.: 246 Royal Exchange, Manchester.

THE BRITISH DRUG HOUSES, LTD.—Directors' report for year ended December 31, 1939, shows trading profit for year amounting to £109,769, after taxation, compared with £65,392 in previous year. Directors state that turnover for first eight months of 1939 was 15 per cent. up, and all seemed set for a substantial and well-earned increment of profit resulting from a consistently progressive sales policy developed during recent years. The war came, and they were plunged into a struggle to cope with a suddenly swollen demand for medicines for home consumption, aggravated by epidemic winter illnesses, plus an unprecedented influx of export orders. They were also offered, and duly accepted, important Government contracts. Additional buildings and extensions on the Wenlock freehold site were erected, and premises secured adjoining the Graham Street block. On this site they were now completing a new building. They had secured two additional freehold sites immediately opposite to the Graham Street premises. Subsequent to announcement of intention to recommend payment of 8 per cent. dividend on ordinary shares, it became clear that the Government's proposal to restrict dividends applied equally to those paid at present time. Directors accordingly decided to alter recommendation from 8 per cent. to 6 per cent. (*C. & D.*, May 11, p. 354). They have transferred the sum involved (£8,000) to a "dividend reserve account," to be available for distribution when circumstances permit. Transfers from past years' profits include: Staff pensions reserve account, £10,000 (*nil*); taxation reserve account, £10,000 (*nil*); dividend reserve account, £8,000 (*nil*); reserve fund, £12,500 (£5,000); reserve for contingencies, £2,500 (£2,500); carried forward, £12,959 (£12,308).

Voluntary Liquidation.—GRIFFITHS (CLAPHAM), LTD., Clapham Park Road, London, S.W., chemists. The statutory meeting of creditors was held on May 7, when a statement of affairs was submitted showing ranking liabilities of £687. Allowing £90 for distrainable rent and £11 for preferential rates, the net assets were £145—a deficiency, as regarded the creditors, of £542. Assets comprised: Fixtures and fittings, £211, put down at £75; gas deposit, £1; stock, £300, valued at £150; cash at bank and in hand, £20. The company was incorporated in April 1937, with a nominal capital of £500, all of which was subscribed for in cash. Sales had totalled £1,021, with gross profit of £339, and net loss of £157. A resolution was passed confirming the voluntary liquidation, with Mr. S. J. Lambert as liquidator and a committee of inspection.

PARLIAMENTARY NEWS

State Medical Service.—Asked on May 7 whether he would consider the preparation of a scheme for a State medical service for all citizens, to operate after the war, and whether, in this connexion, he would consult the British Medical Association, the Medical Practitioners' Union, the Medical Women's Federation and the Medical Officers of Health Association, and appoint a departmental committee, the Minister of Health (Mr. W. Elliot) said he did not think the time opportune.

Taxation of Cosmetics.—The Chancellor of the Exchequer was asked by Mr. Duncan on May 7 whether he would state the figures on which he had based his decision that it was not worth while from the revenue point of view to tax cosmetics; and what other reasons there had been for his decision. He replied that the considerations to be weighed in deciding what new taxes should be proposed were numerous and could not be adequately set out in answer to a parliamentary question.

No Legislation to Restrict Multiple Shops.—When asked by Mr. De La Bère on April 23 whether he would introduce legislation to ensure that the multiple stores should be prevented from making further inroads into the business of the little shopkeepers wherever practicable, in view of the additional hardships and difficulties that the small shopkeeper was facing since the outbreak of the war, Sir A. Duncan (President of the Board of Trade) said he was unable to introduce legislation of the kind suggested.

PHARMACEUTICAL SOCIETY OF GREAT BRITAIN

THE following passages are taken from the annual report of the Council of the Pharmaceutical Society for the Year 1939—

REGISTRATION.—Names on the Registers of Pharmaceutical Chemists and Chemists and Druggists totalled 24,661, an increase of 471. Of these 1,578 were registered as pharmaceutical chemists, an increase of fifty-one. Nineteen persons were registered under reciprocity agreements. Persons acting as superintendents of limited companies, firms or partnerships under the Pharmacy and Poisons Act, 1933, numbered 2,031, an increase of twenty-one. Persons registered during the year as Apprentices or Students numbered 651, an increase of twenty-six. The number of registered premises was 15,381, an increase of forty-four.

EXAMINATIONS.—Entries, including re-entries, for the whole or part of the Preliminary Scientific examination numbered 1,629 and 694 candidates passed; for the Chemist and Druggist Qualifying examination the figures were 1,735 and 776. There were 161 entries for the Pharmaceutical Chemist Qualifying examination and ninety-seven candidates passed. Thirty-one candidates entered for the examination for the Diploma in Biochemical Analysis; eighteen passed. No candidate entered for the examination for the Diploma in Pharmaceutical Analysis. There were thirty-four candidates for the Scholarships examination, two for the Herbarium competition and twelve for the Council Prizes Competition. In view of the outbreak of war the normal arrangements for the October examinations were suspended and special arrangements were made involving awarding of results, except in practical pharmacy, upon the basis of school reports or (in the case of re-entries) previous examination results. Normal arrangements were subsequently resumed. The Council decided to continue holding examinations, so far as possible, in London and Edinburgh so long as the country remained free from air attack on a large scale, but to work out plans for holding examinations on a decentralised basis under conditions of attack. For this purpose five provincial centres were selected; Brighton Technical College, University College Cardiff, Manchester University, University College Nottingham, and one centre in Scotland. The necessarily complicated arrangements were completed when the year ended.

The removal of the College from the Society's House to emergency quarters at Cardiff on the outbreak of war made it impracticable to hold future examinations at the Society's House and, through the kindness of the Governors and Principal of Chelsea Polytechnic, arrangements were made for the January, 1940, Preliminary Scientific and Chemist and Druggist examinations to be held at that Institution. The January, 1940, Pharmaceutical Chemist Qualifying examination was arranged to be held at the emergency quarters of the Society's College, Cardiff.

LEGAL.—The number of pharmacies inspected was 11,950 and of other shops 2,767. The figures for 1938 were 13,883 and 3,399 respectively, the decline during 1939 being due to temporary suspension of inspection on the outbreak of war. Proceedings were authorised in fifty-six cases (ninety-nine less than in 1938). Warning letters were sent in a number of other cases. The premises of 1,156 listed sellers were inspected by the Society's Inspectors, acting on behalf of fourteen local authorities. The Council made a request to manufacturers of preparations in the fourth Schedule to the Poisons Rules to mark such preparations in a manner to indicate that they were fourth Schedule preparations; a satisfactory response to the request had been obtained. Steps were also taken to prevent supply of fourth Schedule preparations to this country from Eire without compliance with the conditions in force here.

Consultation between representatives of the various pharmaceutical organisations affected resulted in a joint memorandum setting forth the views of these organisations on the amendment of the Pharmacy and Poisons Act proposed by the Co-operative movement as a result of the decision in *Hygienic Stores, Ltd. v. Coombes* being prepared and submitted to the Home Office. The memorandum argued against any amendment of the Act as a means of dealing with the situation created by this decision. By the end of the year the Home Office had not made known their views on the memorandum.

The proposed repeal of the Medicine Stamp and Licence Duties led the Society, in collaboration with other pharmaceutical organisations, to conduct a campaign against it. As a result of this campaign and other factors the proposal was withdrawn. To facilitate conduct of the Society's affairs under war conditions the Council applied for and obtained from the Lord President of the Council directions under the Chartered and Other Bodies (Temporary Provisions) Act, 1939, to modify the provisions of the Charter, By Laws and Regulations to enable examinations to be held in other centres than London and Edinburgh, to charge special fees and to forgo retention fees in certain circumstances.

EDUCATION.—The examination regulations subcommittee of the Education Committee continued their work on revision of examination regulations. A special syllabus committee was appointed to review the syllabuses and make recommendations. To ease the position of students affected by the war the Examination Regulations were relaxed to the extent of continuing until further notice the concession which exempts certain candidates from examination in the zoology section of biology and from examination in physiology, and permitting candidates who attain the full age of twenty-one years between June 1 and September 1 of any one year to enter the qualifying examinations held between those dates. No general lowering of the standard of the examinations was considered. The Representative Body of Teachers in Schools of Pharmacy, at their annual meeting, expressed the view that the Preliminary Scientific and Chemist and Druggist examination courses should together extend over three years.

THE COLLEGE.—The transfer to Cardiff took place in time for the School

to commence the 1939-40 session on the accustomed date. The accommodation provided for both the School and the Pharmacological Laboratories was such as to enable the normal work of all the various departments to be carried on though restricted in some respects. The number of students attending the College for the 1939-40 session are forty-eight for the first year and eighteen for the second year, representing the total accommodation available. Twenty-three research papers were published during the year, particulars of which are contained in the annual report of the College for 1939. Professor Gaddum (head of the pharmacological laboratories) was released for Government duties at the beginning of the war and his teaching work at the school was taken over by Dr. Wokes. Dr. Coward (head of the Nutrition Department) was appointed acting-director of the laboratories during the absence of Professor Gaddum.

LIBRARIES.—Although the year included four months of war-time conditions, the number of books circulated by the libraries numbered 7,818 compared with 8,616 in 1938 (in Edinburgh 2,168 against 2,959). Through other Libraries 272 books outside the scope of the Society's libraries were obtained. Volumes added to the Libraries totalled 364, of which 105 were donations, including books of historical interest.

MUSEUM.—Closing the museum to visitors to enable it to be used for another purpose reduced its utility, while the curator's accompanying the Society's College to Cardiff made it difficult to continue the remaining services at the normal level. All enquiries continued to receive attention.

BENEVOLENCE.—The income of the Benevolent Fund was £6,537, of which £3,049 was derived from subscriptions and deeds of covenant. Expenditure on casual grants for 207 persons was £3,439, and on annuities £2,123. Six annuitants were elected to fill vacancies, making forty-eight in all. Expenditure on grants and annuities was £899 less than in 1938, because from September to December, 1939, only temporary grants were made. Claims on the Fund and consequent expenditure involved were not less than in previous years. Payments under deeds of covenant continued to increase, and tax recovered under such deeds was £123 (an increase of £14). Expenditure on grants from the War Auxiliary Benevolent Fund was £796, against £1,038. At year-end the Fund amounted to £629; its exhaustion may be expected during 1940. Income from Hills Orphan Fund investments amounted to £213 and two orphans were maintained by the Fund at the Royal Wanstead School. No grants were made from the Orphan Fund, but subscriptions and payments under deeds of covenant amounted to £222 (an increase of £4).

FINANCE.—The income of the Society (including donations of £5,073 towards the cost of the new headquarters) was £113,081, a decrease of £2,486, and expenditure £99,812, a decrease of £2,737. Details were given in the Financial Statements (*C. & D.*, April 13, p. 277).

ORGANISATION.—Four new branches were established during the year, two at home (King's Lynn and Doncaster) and two overseas (Jersey and Tanganyika) making the total 126. The formation of branches outside this country was an innovation that the council trusts will be followed in other parts of the world. The prompt action of Branches in connexion with Medicine Stamp Duty contributed largely to the success of the campaign for its retention. Many Branches curtailed their activities after the outbreak of war but the Council encouraged holding as many meetings and social events as possible. Arrangements were made to supply Headquarters speakers for 115 branch meetings and other functions during the year; only fifteen were cancelled. The programme of Evening Meetings was cancelled on the outbreak of war, and no meetings were held in November and December; arrangements were made for the remainder to be held with either the speakers originally arranged or others. The seventy-sixth meeting of the Pharmaceutical Conference was held in Birmingham in July, 439 persons attending. Twenty-three papers were read at the Science Sessions. The Branch Representatives' meeting was attended by 175 representatives from seventy-six Branches. During the year the Council adopted a "Statement upon Matters of Professional Conduct" for the guidance of pharmacists and corporate bodies carrying on business under the Pharmacy Acts. The Committee of Inquiry issued, in time for the Branch Representatives' meeting, the first part of their report, consisting of a historical review of pharmacy in Britain, a survey of pharmaceutical legislation and of retail, wholesale and manufacturing, and hospital pharmacy. The report was submitted for discussion so that the committee might have the benefit of any criticisms before preparing the recommendations that would constitute the second and final part of the report. The Council considered the assistance that might be given to pharmacists with businesses adversely affected by war-time circumstances, and collaborated with the National Pharmaceutical Union on the matter; no decision had been reached by the end of the year.

THE SOCIETY'S HOUSE.—Before the outbreak of war the Council were engaged upon plans for evacuation in the event of war, separate arrangements having to be made for each department. Through the kindness of the authorities of University College, Cardiff, and the National Institute for Research in Dairying, Shinfield near Reading, provision was made for the School of Pharmacy to be evacuated to Cardiff and the Pharmacological Laboratories to Shinfield. At the request of the Ministry of Health, which desired to maintain close contact with the Society under war conditions involving its own evacuation, premises were acquired at Birds Grove House, Mayfield, Ashbourne, Derbyshire, for the purpose of accommodating the Society's records and an emergency administrative staff. All arrangements were completed before war broke out and worked smoothly and efficiently. The Council pay tribute to the staffs of the evacuated departments for the manner in which they responded to the demands made upon them. Arrangements were made for the "Pharmaceutical Journal" to be printed and published in a provincial town. The arrangements for evacuating the

Publications Department were not put into operation as it was thought advisable that it should remain in London as long as possible; it was transferred to 17 Bloomsbury Square into rooms vacated by the other departments. The Library and Museum were not included in the evacuation arrangements. A small administrative staff was retained at 17 Bloomsbury Square, and the remaining members of the staff not required at Birdsgrove House were temporarily relieved of their duties pending development of the war situation. Later, in the absence of air raids, all administrative work, other than that requiring contact with the records at Birdsgrove House, was resumed in London. The Council regret any delay in dealing with correspondence and other matters on account of the changes. Work upon the new building proceeded normally up to the outbreak of war, after which it continued at a reduced rate. By the end of the year the decision had been reached to proceed with the completion of floors and exterior only. Early in the year plans were made for an appeal for funds for the new building, and a Centenary Building Fund was opened. Special appeals were made to Welsh and Scottish members, as a preliminary to a general appeal, and interest in the Fund was stimulated by special branch meetings. The outbreak of war interfered with the plans made. A number of donations to the Fund were made independently by individuals and organisations, and the council acknowledge the gifts of all those who subscribed to the Fund. A conversazione was held in the Society's House in March, and exhibits were arranged to illustrate the work of various departments.

PUBLIC SERVICES.—While continuing to urge that commissioned rank should be granted to head pharmacists in Territorial Army General Hospitals, the Council offered to assist in obtaining pharmacists for the Territorial Army under existing conditions, and in so doing removed the objection of the Army authorities to proceeding with the scheme for a Supplementary Reserve of Pharmacists. War broke out before it was possible to put the scheme into operation. While adhering to their decision that they could employ pharmacists only as dispensers, the Army authorities undertook to utilise only pharmacists as dispensers to meet special war-time needs, and to obtain them through the Society's National Register. By the end of the year 150 pharmacists were engaged under this arrangement. They were granted at least the rank of Sergeant, with corresponding emoluments. Early in the year a committee appointed by the Council entitled the Central Pharmaceutical Emergency Committee (later changed to Central Pharmaceutical War Committee) was established at the request of the Ministry of Health, to be responsible for compiling and maintaining a National Register of Pharmacists and for dealing with matters arising in connexion with it. The Committee consisted of representatives of the Council, Ministry of Health, three Service Departments, and various organisations representing pharmaceutical interests. A Scottish committee was also established. When war broke out the National Register was ready, and was transferred to Birdsgrove House with the other records. Inclusion of pharmacists in the Schedule of Reserved Occupations ensured for the time being that there would be no problems calling for attention arising from the removal of a large number of pharmacists from their normal occupations. Pharmaceutical students of at least two years' standing in the Schedule were included at a later date at the request of the Society. During the year little progress was made in obtaining from the authorities a clearer understanding of the part that pharmacists might play in Air Raid Precautions. The operation of the emergency hospitals service for air raid casualties raised questions concerning adequacy of provision made for the supply of medicines. In view of information received concerning deficiencies a meeting of pharmacists engaged in the London Sector Hospitals Scheme was called by the Council, at which the whole position was reviewed and arrangements made for a thorough inquiry. The inquiry was proceeding at the end of the year. The provision made for supply of medicines to unaccompanied evacuated children by doctors caused the Council, with the Executive Committee of the National Pharmaceutical Union, to take up the matter with the Ministry of Health. The Minister was asked to interview a joint deputation, which urged upon him a revision of the scheme to provide that medicines should be supplied by pharmacists; he gave assurances concerning future schemes but stated that he was unable to give a promise to modify the existing scheme. As a result of action by the Council stricter requirements for the storage of dangerous drugs at A.R.P. first-aid posts were applied. The Joint Committee with the Guild of Public Pharmacists gave considerable attention to the question of the salaries of hospital pharmacists but were not in a position to make any recommendation on the matter by the end of the year; the committee was also considering the preparation of a booklet on employment of pharmacists in hospitals.

SCOTLAND.—The Council record their thanks to the Executive of the North British Branch for assistance rendered during the year in the management of the Society's affairs in Scotland.

PUBLICATIONS.—Following the outbreak of war, price increases and Government control of paper created difficulties it was not possible to overcome and some reduction in the size of the Journal was necessary. Evidence of the increasing recognition of the Codex as a work of reference was provided by its adoption as an official standard in the New Zealand Pharmacy and Poisons Act, 1939. Work upon the next edition proceeded during the year but, after the outbreak of war, it became necessary to reconsider the plans made for publication of the next edition so that they might be adjusted to any changes in plans for publishing the next British Pharmacopoeia. The matter was still under consideration.

STATUTORY COMMITTEE.—Six disciplinary inquiries were held during 1939, and the committee directed removal of the names of four members convicted of fraud, theft and unlawfully possessing dangerous drugs, embezzlement, and drunkenness. In the remaining two cases no direction was given.

OBITUARY.—The death of 233 members of the Society and of a number of other persons closely connected with it is recorded.

ULSTER CHEMISTS' ASSOCIATION

In the past few weeks deputations from the Ulster Chemists' Association have been paying visits to various centres throughout the country. At a recent meeting of the Bangor Chemists' Association chemists from Bangor, Donaghadee, Holywood, and Newtownards were given an outline of the Association's work, as an outcome of which a North Down Chemists' Association has been formed. Mr. R. Hall welcomed visitors, and invited Mr. John McDowell (president, U.C.A.) to take the chair. Mr. McDowell spoke of the value of the Association and the benefits gained by members. The pricing committee had been meeting every week to keep up to date with numerous changes. The need for a local association was more urgent since, owing to war conditions, country representatives on the executive committee were unable to attend. That the work of the U.C.A. was appreciated was shown in the steady rise in membership (in Belfast membership almost 100 per cent.); new members were being enrolled every week from country districts. Mr. E. A. RICHEY then gave an outline of the origin and progress of the Chemists' Friends scheme, emphasising that the results already achieved had been won by great effort, and it was up to every chemist to show manufacturers that the scheme meant business. New medicinal lines, if not C.F., should be discouraged. Mr. RICHEY also spoke of the work of the pricing committee, of which he was a member, and reminded the meeting that price alterations should be noted as soon as received each week. Mr. A. STEEDE then gave a talk on prescription coding. He pointed out that compounding was the monopoly of the chemist, and it required only loyalty to the coding scheme and to one another to ensure a fair return for the years of study and payment of fees. The U.C.A. issued to members a schedule of suggested dispensing prices. It was left to the first dispenser to decide the price to be charged, and this price, if coded, should be maintained by any subsequent dispenser. This scheme was to be preferred to that of fixing a rigid schedule of prices. Mr. S. H. FORREST, Bangor, pointed out that owing to increases in prices it might be necessary to charge more for some prescriptions than the previously coded price. Mr. J. McCLENAHAN (secretary, U.C.A.), suggested that a notice should be issued to members advising that the higher price should be coded. Mr. GRAY, Bangor, asked if coding could not be made obligatory on all members. Mr. McDowell replied that if chemists refused to code they could not be compelled to. Cases where coding was not followed, or the coded price not observed, should be reported; usually a personal visit by the secretary would settle the matter. Mr. RICHEY pointed out that an uncoded prescription was more likely to be "cut" than a coded one, and cut more severely. Mr. MORROW, Newtownards said that coding was practised generally and satisfactorily in Newtownards. He mentioned that the Newtownards chemists had also reached agreement on closing hours by a few meetings among themselves. After general discussion it was decided that a further meeting should be arranged, which Mr. J. McClenahan, M.P.S. (secretary, U.C.A.), was invited to attend and conduct. Supper concluded the evening.

OFFICERS OF NEW BRANCH

On May 1 a further meeting of chemists from Bangor, Donaghadee, Holywood, and Newtownards was held in Bangor. Mr. McClenahan presided, and conveyed the good wishes of the president and committee of the U.C.A. for the success of the local association. On the proposal of Mr. S. H. FORREST, Ph.C., seconded by Mr. J. S. BALMER, Ph.C., it was unanimously agreed that a local association should be formed, to include the chemists of Bangor, Donaghadee, Holywood and Newtownards, and that the name should be the North Down Chemists' Association. Mr. R. MORROW, Ph.C., Newtownards, was elected President on the proposal of Mr. R. HALL, Ph.C., seconded by Mr. D. M. B. KELLY, Ph.C. As Mr. Morrow was unavoidably absent, it was decided that Mr. McClenahan should continue to preside during the remainder of that meeting. Mr. S. H. Forrest, Bangor, was elected Vice-President on the proposal of Mr. J. A. FYFFE, Ph.C., seconded by Mr. R. McCUTCHEON, Ph.C. Mr. R. Hall, Bangor, was elected as Secretary and Treasurer, on the proposition of Mr. D. M. B. KELLY, Ph.C., seconded by Mr. J. GRAY, Ph.C. It was decided to fix a price for D. and P. work for the present season on the basis of sixpence per spool for developing and 2d. per print (120 size). It was left to personal discretion whether a free album should be given with each wallet of prints. Coding of prescriptions should be rigidly carried out, and coded prices loyally maintained. In a discussion on the C.F. scheme it appeared that there was some leakage of a certain C.F. product in the district, and the secretary of the U.C.A. was asked to have the matter investigated. Reduction in bonus terms and discounts by some manufacturers was also referred to the U.C.A. for investigation. It was decided to leave the discussion of closing hours to a future meeting.

TRADE NOTES

EBE PRODUCTS, LTD., Oatine House, Mermaid Court, London, S.E.1, announce new retail prices for their bath luxuries.

HOUBIGANT'S PERFUMERY.—Butler & Crispe, 80-84 Clerkenwell Road, London, E.C.1, announce that they have available stocks of Houbigant's perfumery.

NIVEA SHOWCARD.—Herts Pharmaceuticals, Ltd., Bessemer Road, Welwyn Garden City, inform us that the Nivea display material referred to in the C. & D., May 4, p. 341, is being issued as a showcard and not as a window poster.

SURGICAL INSTRUMENTS.—The Holborn Surgical Instrument Co., Ltd., have issued a new twenty-four page price list of surgical instruments. This is profusely illustrated and gives full details, with prices, of the apparatus concerned.

ELASTOPLAST.—T. J. Smith & Nephew, Ltd. (Dept. C.D.2), Hull, draw attention elsewhere in this issue to the national advertising they are undertaking in connexion with Elastoplast and to the sales aids and special offers they are making to the trade.

RAYFILTA.—Belle Isle Laboratories (Milton Proprietary, Ltd.), Brewery Road, London, N.7, are offering to supply reasonable quantities of Rayfilta sun-tan jelly on sale or return basis. This preparation is to be extensively advertised from now onwards.

FLAVOGEL.—Glaxo Laboratories, Ltd., announce increased prices for Flavogel, a preparation of acriflavine in a special water-soluble jelly base. A bonus offer in connexion with this proprietary is being made for a limited period from May 14; further particulars are obtainable on request.

HOWARDS & SONS, LTD., Ilford, announce that, in spite of priority calls on their products, they are in a position to offer to the home trade fair quantities of bismuth salts, bromides, citrates and other chemicals. Chemists should also note that a bonus is given for window displays of Howard's aspirin tablets.

NYLON TOOTH-BRUSHES.—In the C. & D. recently the advantages of Nylon were explained and its use for tooth-brushes illustrated. Two manufacturers—the Addis Brushworks, Hertford, and Halex, Ltd., Hale End, London, E.4—have now placed on the market tooth-brushes with bristles made of Nylon, and details will be found in the advertisements in this issue.

HEXOBARBITONE PREPARATIONS.—Burroughs Wellcome & Co., Snow Hill Buildings, London, E.C.1, are now issuing hexobarbitone (N-methyl-cyclohexenyl-methyl-barbituric acid) as Tabloid hexobarbitone and as the sodium salt: soluble hexobarbitone, B. W. & Co. The sodium salt is intended for intravenous injection to produce anaesthesia of short duration, and is of particular value in minor surgery, simple tooth extractions and to intensify gas-and-oxygen anaesthesia. It may be used for induction of general anaesthesia in operations of not more than twenty to thirty minutes' duration, and by rectal administration to produce hypnosis in the treatment of acute and chronic alcoholism. Soluble hexobarbitone, B. W. & Co., is issued in phials of 0.5 gm. and 1 gm., each strength in boxes of five and twenty-five phials and each phial accompanied by an ampoule containing sufficient sterile distilled water to prepare a 10 per cent. solution of soluble hexobarbitone. Tabloid hexobarbitone, gr. 4, given orally to produce light hypnosis, is issued in bottles of 25, 100 and 500.

Proprietary Articles Trade Association

Additions and Alterations to Protected List.—*Bayer Products, Ltd.*, Bonus of thirteen to doz. allowed to retail chemists in return for fourteen days' counter or window display on minimum orders of one doz. Betaxan lixiv. *Evans Sons Lescher & Webb, Ltd.*, Bonus of thirteen to doz. on Hawley's I.K. powder withdrawn. *Hough, Hoseason & Co., Ltd.*, Reboma children's tonic, 1s. 6d., 12s. doz.; three doz., 11s. 6d. doz.

COMING EVENTS

Tuesday, May 21

WEST HAM ASSOCIATION OF PHARMACISTS, Church Institute, 27 Romford Road, Stratford, London, E.15, at 8.45 p.m. Mr. H. N. Linstead (Secretary, Pharmaceutical Society), on "War-time Problems of the Pharmacist."

ORTH LONDON PHARMACEUTICAL ASSOCIATION, North Library, Manor Gardens, Holloway, N.7, at 8.30 p.m. Mr. R. H. Kemp (organisation officer, National Pharmaceutical Union) on "War-time Profits."

Wednesday, May 22

SOUTH-WEST LONDON CHEMISTS' ASSOCIATION.—Balham Club, Ltd., Ramsden Road Balham, at 3 p.m. Annual meeting.

MARRIAGES

Notices for this column must be authenticated

THOMAS—BELL.—At St. John's Church, Blackburn, on May 7, Milton Thomas, M.P.S., Burnley, to Bessie Bell.

WADE—HACKING.—At Blackburn, on May 13, Surgeon-Lieut. H. J. Wade, M.B., Ch.B., son of Mr. H. J. Wade (H. J. Wade & Co., Ltd., manufacturing chemists), to Margaret S. Hacking.

DEATHS

BARRY.—At Cork, recently, Mr. Timothy Barry, L.P.S.I. Mr. Barry qualified in 1902.

MAINPRIZE.—Suddenly, at Bridlington railway station, on May 8, Alderman John Vickerman Mainprize, J.P., aged eighty. Shortly after qualifying in 1881, Mr. Mainprize began business on his own account in King Street. He became a member of the Local Government Board in 1890 and was Mayor of Bridlington in 1910-1911. He was also a Harbour Commissioner, a Charity Trustee, Governor of two schools and an alderman for the East Riding County Council. Mr. and Mrs. Mainprize celebrated their golden wedding in 1932.

POLLITT.—Recently, Mr. William Dibble Pollitt, M.P.S., Thornton Dale, Pickering. Mr. Pollitt qualified in 1885.

POWER.—At a hospital in Liverpool, on May 11, Mr. John Power, aged sixty-four. Mr. Power was for thirty-one years a valued representative of Potter & Clarke, Ltd., attached to their Manchester depot.

SHEFFIELD.—Recently, Mr. George Sigsworth Sheffield, M.P.S., Hertford, aged forty-nine. Mr. Sheffield had been in business in Fore Street for many years, having succeeded his father. He was a Past-Master of the Hertford Lodge and Past Provincial G.D.C. He leaves a widow, three sons and one daughter.

SIMINSON.—At 17 Nelson Crescent, Ramsgate, recently, Mr. Edwin Siminson, M.P.S., Minster, Isle of Thanet, aged sixty-one.

PERSONALITIES

MR. A. W. M. BALES, M.P.S., Coventry, has been admitted a freeman of the City.

MR. LLEWELLYN W. JONES, M.P.S., Amlwch, was recently elected chairman of the local Urban District Council.

MR. O. L. CARRINGTON, M.P.S., Chipping Norton, has been elected chairman of the local national savings committee.

MR. W. CRUMBLEHULME, M.P.S., Bolton, has been elected vice-president of the Bolton Pharmaceutical Association.

MR. R. N. CLARKSON, M.P.S., Richmond, Yorks, was installed Worshipful Master of the Lennox Lodge of Freemasons on May 2.

MR. D. A. BRYAN retires from the chairmanship of the Penmaenmawr Urban Council this year, but has been elected vice-chairman.

MR. G. L. HALE, the new president of the Birkenhead and Wirral Pharmacists' Association, is manager of the pharmacy of W. Snow & Sons, Ltd., 8 Hoylake Road. This is only the second occasion on which a non-proprietor member has been elected to the presidency. He has been a member of the Association for sixteen years and was its secretary for thirteen years. Mr. Hale is a native of Birkenhead and commenced his apprenticeship in 1914 with Mr. James Walker at a shop in Grange Mount. After two years in the army he went to the business of H. C. Ellithorne, Oxtonge Road, and remained there for twelve months. He then joined his present employer, qualifying in 1927. Mr. Hale will have completed twenty years' service with Mr. Snow in June this year.



MR. G. L. HALE

The following have been elected honorary members of the Pharmaceutical Society of Great Britain:—Sir Ernley R. H. Blackwell, K.C.B., a former chairman of the Statutory Committee; Colonel R. N. Chopra, C.I.E., M.D., Sc.D., professor of pharmacology in the School of Tropical Medicine, Calcutta; Sir William H. Willcox, K.C.I.E., M.D., F.R.C.P., F.I.C., visitor for the Privy Council to the Pharmaceutical Society's examinations.

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The Markets in War-time

AFTER nine months of war a considerable number of the commodities handled by the London drug markets have been affected, as regards both price and supply. The difficulties under which importers are obliged to work in present conditions are easily appreciated, but it should be emphasised that, despite the many problems arising out of wartime conditions, there is by no means a serious shortage of any essential commodities. A study of the prices of several important crude drugs and essential oils for the nine months shows that in almost every instance prices rose fairly sharply during the first two to three months and then settled at a more or less steady level for the remainder of the period. In the corresponding period of the previous year the figures showed only small fluctuations. For example, agar, which was costing about 5s. per lb. in August 1939, rose to about 8s. per lb. at the end of October, and has remained fairly steady since that time. In some essential oils rather more spectacular rises were recorded, as, for example, in anise oil, which rose from about 3s. per lb. in August 1939 to about 5s. 6d. by the end of the following month. With the commencement of the more active phase of the war there is already evident a firming-up of prices of certain materials, though at the moment of writing it is impossible to forecast the future position with any degree of accuracy. Several essential oils, the origin of which lies in the Netherlands Indies, may be expected to become dearer, but no information is yet available regarding possible curtailment of supplies.

Although the supply of most drug-market commodities is adequate for all reasonable requirements, thanks to the Allies' control of the seas, it may be necessary in some instances to consider alternative sources or devise efficient substitutes. The Norwegian invasion has had the effect of curtailing supplies of cod-liver oil, for example. As British production is inadequate to meet the demands of all consumers, the need for an effective substitute in the form of a vitaminised oil has become a matter of some urgency. It may be possible to bring into the British market the production of British possessions overseas, and it is understood that a move in this direction has been considered. In the meantime, and until the position improves, strict economy in the use of existing stocks is essential. Another important drug that has been seriously affected by war conditions is ergot of rye, supplies of which have for some time been

extremely limited, largely because imports from Russia and Poland have ceased. In consequence, prices of ergot from the remaining sources have increased considerably. Thus Portuguese, which immediately before the war was costing about 6s. 6d. per lb., is now quoted at about 25s. per lb., with little material available. An indirect result of war conditions is likely to be higher freightage costs for drugs and essential oils that normally reach the London market through the Mediterranean, and are now diverted via the longer Cape route. A good example of this class of product is senna, quotations for which are already dearer and supplies of which are promptly cleared on arrival. Following the new war situation that has arisen in the past few days early repercussions on the markets can reasonably be expected, though at the moment there are few indications or any such changes.

Price Control Extended

AN Order made by the Board of Trade, to come into effect on June 10, extends control of prices to a wide range of commodities and manufactured goods. The Order is known as The Prices of Goods (Price Regulated Goods) Order, 1940, dated May 10, and is made under Section 2 of the Prices of Goods Act, 1939. An Order issued last December covered mainly the cheaper grades of clothing and household goods, as well as the textile and leather materials used in their manufacture. The present Order more closely affects the drug and allied trades, because the schedule of articles appended to the Order includes the following:—

Unvulcanised rubber and rubber substitutes

Hair, shaving, clothes, tooth and other brushes for personal use
Soap

Toilet and hygienic preparations and requisites, cosmetics, perfumery, manicure and pedicure preparations and requisites

Drugs, disinfectants and medicinal substances and chemicals for personal or domestic use (excluding dispensed medicines)

Surgical dressings and requisites and infants' foods

Electric torches and lamps (being torches and lamps of a kind operated by a dry battery, and component parts thereof and accessories thereto)

Crates, boxes, sacks, bags, cartons and containers

Paraffin oil and kerosene sold, agreed to be sold or offered for sale, in retail transactions for domestic use.

The prices of the more important classes of materials needed for the manufacture of most of these goods will also be controlled, but it should be noted that articles for export are exempted from operation of the Order.

The Board of Trade has made a similar Order specifying permitted prices, both wholesale and retail, for a number of branded and price-maintained goods in respect of which applications have been made by the Central Price Regulation Committee at the instance of the manufacturers, but this Order applies only to branded textile goods and does not affect the drug trade.

Sizes of N.H.I. Mixtures

An interesting point was raised at a meeting of the Wembley Chemists' Association (*C. & D.*, May 11, p. 352) regarding National Health Insurance mixtures. Mr. Bearman referred to the possibility of standardising the sizes of mixture prescribed, and suggested 1-oz., 2-oz., 6-oz. and 12-oz. bottles for all purposes. At another meeting reported in the same column, a complaint was made that 12-oz. and 16-oz. quantities were ordered instead of "the 8-oz. bottle of the tariff." Here is material for pharmaceutical committees to discuss. Nothing in this direction could be effected without the consent of panel practitioners: would it be forthcoming? Dispensing experience is unanimous, we think, as to the fondness of certain prescribers for certain sizes of mixture; and a revolution or an earthquake would probably be needed to induce some of them to change the habits of a lifetime. Our recollection of dispensing bottles in regular use extends to such unusual types as 8-oz. marked for six doses and we have also encountered 6-oz. marked for four doses. The only suggestion that can be made at the moment is that a beginning might be made, with the acquiescence of the Ministry of Health, by restricting the number of sizes of bottle used: the result would be that any intermediate quantities of liquid medicament, whether for internal or external use, would be dispensed in bottles of the nearest convenient size. Whether this would, in the words of a once popular song, "commend itself to Upper Tooting," is difficult to state.

TENANCY PROBLEMS

by a Barrister

THERE are many chemists who occupy premises consisting of a lock-up shop and dwelling accommodation above, and the passing of the latest Rent Act in September 1939, has raised a number of problems which particularly affect them.

Rent Under New Leases

If the rateable value of such premises does not exceed £100 in London, or £75 elsewhere, the premises will have become controlled under the Rent Act. As a result, any increase of rent of the premises to take place after September 1, 1939, is prohibited, except on the ground of an increase of rates or of expenditure on structural alterations. To justify an increase of rent even on these grounds it will be necessary for the existing contractual tenancy to have come to an end and also that a proper notice of increase of rent shall have been first served on the tenant. Premises of the kind described come equally within the Landlord and Tenant Act, 1927, and under that Act a tenant is entitled in a proper case to a new lease from the landlord upon expiration of the current lease. In order to be entitled, however, to such a new lease, the tenant must first have served his landlord with a notice claiming a new lease, and where the tenancy itself automatically expires without the necessity of any notice to quit, the notice must have been served more than a year prior to the expiry of the current tenancy. Most claims of this kind are settled by agreement and do not find their way into the Courts, and this is where the problem arises. For in many cases landlords and tenants have, prior to September 1, 1939, entered into agreement for a new lease to commence, upon the expiry of their current lease, at some time after September 1, 1939. Many such new leases have already begun or are due to begin later in the present year, 1940. Under these new agreements, the rents payable are in excess of the rents paid under the current leases. The point therefore arises as to whether the new and higher rent is irrecoverable by the landlord, so long as the premises continue to be controlled. Tenants, notwithstanding that they may have entered into agreements for new leases or have actually executed such leases, are not bound, while the control of such premises continues, to pay any higher rent than the rent they were paying on September 1, 1939. But where the lease itself has not been executed, and there is merely an agreement for a new lease, tenants are under certain disadvantages. For the landlord in such a case may refuse to carry out the agreement and execute the lease, with this result, that the tenant, once his control of the premises has come to an end, may no longer enjoy any security of tenure, and may be obliged to vacate the premises, notwithstanding that the term to be granted under the agreement may have extended beyond this period.

Pitfalls for Tenants

In those cases in which, as already explained, a tenant is entitled to rely on both the Rent and the Landlord and Tenant Acts, an important consequence is that the tenant will enjoy a dual protection against eviction. There are, however, certain pitfalls which beset the path of the tenant in such cases. Under the Rent Act, a tenant enjoys a certain measure of security of tenure. The landlord's ordinary common-law right of obtaining possession is restricted. Generally speaking, except in the one case where a tenant has not been observing the terms of his tenancy, or, for example, been omitting to pay his rent or to keep his premises in repair, the landlord cannot obtain possession after the contractual tenancy has come to an end, unless he proves the existence of alternative accommodation, or requires the premises for personal occupation. A tenant whose term is coming to an end, therefore, may consider that his best course is to rely on the protection afforded him by the Rent Act, instead of embarking on the adventure of claiming a new lease under the Landlord and Tenant Act, and perhaps of being ultimately obliged to take legal proceedings. But it does not always pay to take the line of least resistance. There are at least two serious disadvantages which the tenant should carefully weigh, when considering whether to put in motion the procedure of the Landlord and Tenant Act with regard to a new lease, or whether to continue in occupation as a statutory tenant under the Rent Act. If the latter course is adopted, then (a) the security of tenure which the tenant may enjoy under the Rent Act is necessarily limited as to time, for it cannot endure beyond the period of control, and may at any time be prematurely determined by an alteration of circumstances entitling the landlord to an order for possession under the terms of the Rent Act itself; and (b) the tenant will in all probability be deprived of all right to a new lease under the Landlord and Tenant

Act. An essential condition to the granting of a new lease is that the tenant shall have served his landlord some considerable time before with the statutory notice claiming a new lease, whereas if the tenant relies on the protection of the Rent Act he then becomes a statutory tenant, holding on after his original contractual tenancy has come to an end, and no longer entitled to comply with the essential condition of serving the necessary notice of claim. Moreover, under the Landlord and Tenant Act, 1927, a new lease, if granted, may be for a period of as long as fourteen years, during which period the security for tenure would be absolute and not uncertain. A tenant in such circumstances would be well advised to place his rights under the Landlord and Tenant Act in the forefront. He should in the first place proceed under the Landlord and Tenant Act, 1927, but should he be unsuccessful in establishing his claim to a new lease, he can always fall back upon the protection against eviction to which he might be entitled under the Rent Act.

WORLD MINERAL INDUSTRIES

No. 18—Pyrites

The following details of world production of pyrites (including cupreous pyrites) are taken from the statistical summary, 1936-1938, of the mineral industry of the British Empire and foreign countries, issued by the Imperial Institute, London, S.W.7 (H.M. Stationery Office, price 7s. 6d.). The figures are in long tons.

Producing Country	1936	1937	1938
BRITISH EMPIRE:			
United Kingdom	4,623	4,627	4,282
Southern Rhodesia	19,140	20,020	26,638
Union of South Africa	24,146	28,378	30,528
Canada (c)	113,582	106,659	39,825
Cyprus	525,227	796,196	703,595
Australia	33,711	40,630	50,277
Total	720,000	964,000	915,000
FOREIGN COUNTRIES:			
Czechoslovakia	18,783	18,071	(a)
Finland (b)	77,477	89,969	101,353
France	144,570	143,604	144,883
Germany	280,947	417,354	410,000
Greece	204,764	203,386	(a)
Italy	851,736	900,080	915,619
Norway	1,015,529	1,031,744	994,000
Poland	37,508	80,963	90,753
Portugal	238,791	594,590	549,509
Rumania	9,841	10,548	11,028
Sweden	132,086	170,236	183,446
Jugo-Slavia	78,494	131,922	148,027
Algeria	19,650	38,148	43,256
United States (d)	547,236	584,166	555,629
Japan	1,665,891	(a)	(a)
Korea	76,804	77,250	(a)
Manchuria	3,000	(a)	(a)

Pyrites is also produced in Belgium, Spain, U.S.S.R. and China. (a) Information not available. (b) Pyrite concentrate only. (c) Includes pyrite ore, also concentrates made from copper ores. (d) Includes by-product pyrites from zinc operations in Wisconsin and New York, and pyrite and pyrrhotite concentrates from copper operations in Tennessee.

TRADE-MARK APPLICATIONS

The figures in parentheses refer to the classes in which the marks are grouped. A list of classes and particulars as to registration are given in "The Chemist and Druggist Diary and Year-Book," 1940, p. 275.

(From "The Trade Marks Journal," May 8, 1940)

"COPPESAN" and "SEMICU"; for agricultural and horticultural chemicals (1) (IV). By Boots Pure Drug Co., Ltd., 37 Station Street, Nottingham. 610,050, 611,109.

"PURADENT"; for preparations for cleaning dentures (3) (IV). By Pyrea Co., 66 St. Martin's Lane, London, W.C.2. B605,289.

"DISODONT" and "PROMODONT"; for mouth washes and tooth pastes (3) (IV). By Promedico Products, Ltd., 22 Turle Road, London, N.4. 610,865, 610,866. (Associated.)

"RADA-BLOOM"; for toilet preparations (3) (IV). By The London & Colonial Export Co., Ltd., 30 Shaftesbury Avenue, London, W.1. 610,968. (Associated.)

"SYRENOID"; for medicated tablets (5) (IV). By H. M. Alleyn, 13 Kensington Court, London, W.8. 609,594.

APPLICATIONS FOR TEMPORARY SUSPENSION
(Under Section 3 of the Patents, Designs, Copyright and Trade Marks
(Emergency Act, 1939))

No. 502,351 owned by Johann Verfürth, trading as Münchener Pharmazeutische Fabrik—Coates & Cooper, Ltd., 94 Clerkenwell Road, London, E.C.1.

TRADE REPORT

Spot quotations recorded for pharmaceutical chemicals, crude drugs, essential oils, etc., represent the prices for wholesale quantities of standard quality. C.i.f. shipment quotations do not include marine war risk insurance and other abnormal charges which arise under the present state of emergency.

28 Essex Street, W.C.2, May 15

CONDITIONS in the markets continue fairly quiet, quotations showing little change. The sudden war moves of last week-end have so far had small effect, although repercussions are bound to be felt in time. Both invaded countries have extensive Colonial possessions and interests and have been good buyers of produce in this country's markets. Business in PHARMACEUTICAL CHEMICALS continues on a steady note, and price changes have been few. Business in CRUDE DRUGS has continued fairly satisfactory, with prices generally steady, and some spot prices firmer. Good demand continues for AGAR, and the shipment price from Japan is much firmer. There are no shipment offers of ALOES from source. Prices from Japan for CAMPHOR are quoted higher. The spot market for IPECACUANHA is firm, and MINAS is being offered more freely. Shipment prices from China for MENTHOL vary considerably. PEPPER is steadier. No Alexandrian hand-picked SENNA pods are available. Demand for ESSENTIAL OILS has been generally slow, except for one or two products of Dutch origin. It is not yet known what will be the effect of the new war situation on oils from Dutch Empire sources, but those distilled in Holland have naturally been affected. ANISE is reported in better demand. Stocks of BERGAMOT are short, and prices remain a matter for negotiation. CARAWAY is in good demand and, as stocks are limited and the position of Dutch rectified uncertain, the price will probably rise. Ceylon CITRONELLA is easier, Java unchanged. GERANIUM is reported rather short on spot and very firm. LIME is firm. Japanese PEPPERMINT is quiet after the good demand reported over several weeks.

Exchange Rates on London

The following is a list of the chief Continental and other exchange rates at the opening on Wednesday morning:-

Centre	Quoted	Par	May 8	May 15
Amsterdam	Fls. to £	12·107	7·55*	—
Brussels	Belgas to £	nominal	23·92*	—
Buenos Aires	Paper pesos to £	18·159	—	17·17*
Copenhagen	Kr. to £	110	102½	100½
Lisbon	Esc. to £	25·24½	38·25	38·25
Madrid	Ptas. to £	92·46	67	62
Milan	Lire to £	4·86½	4·45*	4·45*
Montreal	Dols. to £	nominal	4·93*	4·93*
New York	Dols. to £	18·159	—	—
Oslo	Kr. to £	124·21	176½*	176½*
Paris	Fr. to £	3·75d.	33d.	33d.
Shanghai	Per dollar	18·150	16·90*	16·90*
Stockholm	Kr. to £	25·24½	18·150	18·150
Yokohama	Per yen	2s.	1s. 4½d.	1s. 5d.
Zurich	Frs. to £	22·2115	17·90*	17·90*

* Rate fixed by Bank of England. Bank rate, 2 per cent.

Pharmaceutical Chemicals, etc.

A FAIR volume of trade is reported, with values generally steady.

ACETANILIDE.—Quoted unchanged; business fair. B.P., leviss., from 2s. 3d. to 2s. 6d. per lb., as to quantity.

AMIDOPYRINE.—Dealers' quotations unchanged; market firm. One cwt., 18s. per lb.; smaller quantities, up to 20s. per lb. for crystals, with powder 3d. per lb. extra.

AMMONIUM ICHTHIOSULPHONATE.—Scale of prices steady: One-cwt. lots, in 1-lb. tins, 3s. 3d.; smaller lots, 3s. 6d.; in 14-lb. tins, one cwt., 2s. 9d.; smaller lots, 3s. per lb., ex store.

ASPIRIN.—Makers' scales of prices continue as follows:-

Quantity	In containers of					
	1 lb.	2 lb.	4 lb.	7 lb.	14 lb.	28 lb.
1 lb. and under 4 lb.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.
4 lb. and under 7 lb.	3 10½	3 9	—	—	—	—
7 lb. and under 14 lb.	3 9½	3 8	3 7½	—	—	—
14 lb. and under 28 lb.	3 8½	3 7	3 6½	3 6½	—	—
28 lb. and under 1 cwt.	3 7½	3 6	3 5½	3 5½	3 5	—
Not less than 1 cwt... .	3 6½	3 5	3 4½	3 4½	3 4	3 3½
" " " 5 cwt... .	2 11½	2 10	2 9½	2 9½	2 9*	2 8½
" " " 10 cwt... .	2 10	2 8½	2 7½	2 7½	2 7½	2 7

* 8 x 14 lb. and upwards in one delivery, ½d. per lb. less.

Sale is subject to an undertaking on part of buyer not to re-sell any quantity at prices or terms below scale for such quantity current at time re-sale is made, and, if he converts the aspirin into tablets, not to sell any quantity of tablets at prices or terms below scale for such quantity current at time of sale.

BARBITONE.—Spot prices unchanged; market firm: One cwt., 22s. per lb.; 28 lb., 23s.; smaller quantities, up to 26s., ex store.

BENZOIC ACID (B.P.).—Quoted unchanged; average business: Makers require from 1s. 10d. to 2s. 3d. per lb. for forward delivery.

BORAX (B.P.).—Steady at makers' prices. Granulated, £28 10s.; crystals, £29 10s.; powder, £30 per ton, in 1-cwt. bags, carriage paid in Great Britain, in minimum one-ton lots. Commercial quality, 4s 8d per ton less.

BROMIDES.—Makers' scales of prices unchanged, as follows: POTASSIUM (B.P.), not less than 5 cwt., 2s. 2d. per lb.; 1 cwt., 2s. 3d.; 28 lb., 2s. 9d. SODIUM (B.P.) not less than 5 cwt., 2s. 4½d. per lb.; 1 cwt., 2s. 5½d.; 28 lb., 3s. AMMONIUM (B.P.C.), not less than 5 cwt., 2s. 5½d. per lb.; 1 cwt., 2s. 6d.; 28 lb., 3s. Net. Rise-and-fall and re-sale clauses apply. Without engagement. Special prices for larger quantities. 28-lb. parcels and 1-cwt. cases or kegs free.

CAFFEINE.—Dutch shippers' quotations continue as follows: PURE, less than 56 lb., 2 dollars 55 cents per lb.; 56 lb., 2 dollars 50 cents; 1 cwt., 2 dollars 45 cents; and 2 cwt., 2 dollars 40 cents. CITRATE, less than 56 lb., 1 dollar 63 cents per lb.; 56 lb., 1 dollar 61 cents; 1 cwt., 1 dollar 58 cents; 2 cwt., 1 dollar 56 cents, f.o.b. Amsterdam or Rotterdam. PURE, on spot, would be worth not less than 20s. per lb., if available.

CALCIUM LACTATE.—Makers are quoting up to 1s. 8d. per lb. for small quantities.

CITRATES.—No change in makers' scales of re-sale prices, as follows:-

POTASSIUM, B.P.	In containers of					
	1 lb.	2 lb.	4 lb.	7 lb.	14 lb.	28 lb.
Under 4 lb.	3 0	2 10½	—	—	—	—
4 lb. and under 7 lb.	2 11	2 9½	2 9½	—	—	—
7 lb. and under 14 lb.	2 10	2 8½	2 8½	2 7½	—	—
14 lb. and under 28 lb.	2 9	2 7½	2 7½	2 6½	2 6½	—
28 lb. and under 1 cwt.	2 8	2 6½	2 6½	2 5½	2 5½	2 5

28-lb. tins charged 2s. each.

SODIUM, B.P., one penny per lb. below corresponding prices for POTASSIUM, B.P. IRON and AMMONIUM (SCALES), B.P., threepence per lb. above corresponding prices for POTASSIUM, B.P. Prices net. All packages charged extra. It is a condition of sale that buyers undertake not to re-sell any of the products mentioned at prices below the values given, which came into operation on January 24.

CITRIC ACID.—Makers' price for home consumers continues nominal at 1s. 2d. per lb., less 5 per cent. discount.

CODEINE.—Makers' revised prices per oz. unchanged, as follows:-

	½ oz.	1 oz.	2 oz.	3 oz.	4 oz.	5 oz. and upwards
Alkaloid	36 6	34 0	32 6	31 9	31 6	28 4
Hydrochloride	32 9	30 3	28 9	28 0	27 9	25 3
Iodide	36 6	34 0	32 6	31 9	31 6	28 4
Phosphate	30 6	28 0	26 6	25 9	25 6	22 9
Sulphate	32 9	30 3	28 9	28 0	27 9	25 3

CREAM OF TARTAR (B.P.)—One maker notifies price for home trade continues nominal at 12s. per cwt., less 2½ per cent. discount, with supplies restricted to regular consumer customers.

EMETINE HYDROCHLORIDE.—No change in makers' quotations at from 95s. and 99s. per oz., as to quantity.

EPHEDRINE.—Small business passing: HYDROCHLORIDE, B.P., from 7s. 7d. to 7s. 9d. per oz. for large quantities. Smaller quantities, up to 1oz. per oz.

GALLIC ACID.—Dealers continue to quote cwt. lots at from 4s. 2½d., and smaller parcels at up to 4s. 6d. per lb., ex store.

GUAIACOL CARBONATE.—In good demand, but stocks limited. Makers and dealers quote from 12s. 6d. to 13s. per lb., ex store, as to quantity.

GUAIACOL (CRYSTALS).—Makers' prices quoted unchanged, supplies limited: 10s. 9d. to 11s. 6d. per lb., as to quantity. Liquid, from 10s. 6d. upwards, as to quantity.

HOMATROPINE.—Makers' scales of prices steady, as follows:-

	gm.	oz.	4 oz.	16 oz.
Alkaloid	2s. 9d.	70s.	65s. oz.	60s. oz.
Hydrochloride	2s. 2d.	55s.	50s. oz.	45s. oz.
Hydrobromide	2s. 2d.	55s.	50s. oz.	45s. oz.
Sulphate	2s. 2d.	55s.	50s. oz.	45s. oz.

Bottles, under 5 gm. or ½ oz., corked, 3d.; stoppered, 5d.; 5 gm. to 25 gm. or ¼ oz. to 1 oz., corked, 3½d.; stoppered, 6d.; 25 gm. or 1 oz., corked, 3½d.; stoppered, 7½d.; 50 gm. or 2 oz., corked, 4d.; stoppered, 6d.; each, 100 gm. and over, included in price; tubes, per 100, 5-gr., 10s. 6d.; 10-gr., 12s. 3d.; 15-gr., 14s.

LACTIC ACID (B.P.)—Business limited; values unchanged. Quantities, in 1-cwt. carboys, 1s. 8½d. per lb.; in winchesters and bottles, 1s. 9d. to 2s. per lb., ex store, according to quantity.

MERCURY IODIDES.—Makers' prices per lb. continue unchanged, as follows: RED, less than 7 lb., 17s. 4d.; not less than 7 lb., 17s.; not less than 14 lb., 16s. 6d. GREEN, less than 7 lb., 10s. 4d.; not less than 7 lb., 10s.; not less than 14 lb., 18s. 6d. YELLOW, less than 7 lb., 10s. 6d.; not less than 7 lb., 20s. 6d.; not less than 14 lb., 10s. net, carriage paid.

METHYL SULPHONAL.—Spot, in limited supply, quoted at from 40s. to 42s. 6d. per lb., ex store.

PALADEHYDE.—Demand continues fair, with prices unchanged. Spot, in 1-cwt. carboys, 1s. 3d. to 1s. 3½d. for quantities; in winchesters, up to 1s. 10d. per lb., ex store, for smaller quantities.

PHENACETIN.—Makers' prices for ordinary quantities remain at from 3s. 6d. to 3s. 9d. per lb.; quotations are given without engagement. Material in dealers' hands is limited, and prices continue firm at about 6s. 9d. to 7s. per lb.

PHENAZONE.—Dealers are asking from 18s. for bulk quantities, up to 22s. per lb., for small parcels, ex store. Supplies are limited.

PHENOLPHALEIN.—Market firm; makers' prices unchanged. Less than 7 lb., 1s. 8d. per lb.; 7 lb., 1s. 7d.; 14 lb., 1s. 6d.; 28 lb., 1s. 5d.; one cwt., 1s. 4d.

PHENYLETHYLBARBITURIC ACID (B.P.).—Spot supplies limited: quoted at from 30s. to 32s. 6d. per lb., in bottles.

PHOTOGRAPHIC CHEMICALS.—Makers' prices for the following products are firm as quoted: **SODIUM HYPOSULPHITE.**—5 cwt., 20s.; 1 cwt., 23s.; 56 lb. for 12s. 6d.; 28 lb. for 6s. 6d. **SODIUM CARBONATE, RECRYST.**—5 cwt., 13s. 9d.; 1 cwt., 17s.; 56 lb. for 12s. 6d.; 28 lb. for 6s. 6d. **ALUM (PHOTOGRAPHIC QUALITY).**—1 cwt., 23s.; 28 lb. for 6s. 6d. **GLYCIEN.**—7 lb., 13s. 6d.; 1-lb. bottles, 14s. 6d. **POTASSIUM FERRICYANIDE.**—Prices were recently advanced by sixpence per lb., as follows: 28 lb., 3s. 1d.; 14 lb., 3s. 3d.; 7 lb., 3s. 6d.; less than 7 lb., 3s. 9d. per lb.; 1-lb. bottles, 4s. 3d.; 8-oz. bottles, 2s. 6d.; 4-oz., 1s. 5d.; 1 oz., 1d. each. **AMIDOL.**—1 cwt., 8s. 6d.; 56 lb., 8s. 9d.; 28 lb., 9s. per lb., net; 14 lb., 9s. 9d.; 7 lb., 10s. 6d.; less than 3 lb., 12s. 6d. per lb., 2½ per cent. monthly account. Bulk parcels and tins free. 1-lb. bottles, 6d. extra. **CHLORQUINOL.**—1-lb. bottles, 21s. per lb. **HYDROQUINONE.**—1 cwt., 6s. 4d.; 56 lb., 6s. 7d.; 28 lb., 6s. 1d. per lb., net; 14 lb., 7s. 3d.; 7 lb., 7s. 6d.; less than 7 lb., 8s. per lb., less 2½ per cent. monthly account. Retail quantities: 16 oz., 8s. 6d.; 8 oz., 4s. 6d.; 4 oz., 2s. 8d. Trade prices in bottles: 1-lb. bottles, 8s. 6d. each; 8-oz. bottles, 4s. 6d. each; 4-oz. bottles, 2s. 8d. each; 1-oz. bottles, 1s. 1d. each, with retail selling prices 50 per cent. additional. **GOLD CHLORIDE.**—15-grain tubes, 53s. per doz. **MAGNESIUM POWDER.**—11s. 9d. per lb. **PARAMIDOPHENOL HYDROCHLORIDE.**—9s. per lb., bottles free. **POTASSIUM METABISULPHITE.**—One cwt., 1s. 3d.; 28 lb., 1s. 6d.; 14 lb., 1s. 7d.; 7 lb., 1s. 9d.; 1 lb., 2s.; 16-oz. bottles, 2s. 6d.; 8-oz. bottles, 1s. 6d. each; 4-oz. bottles, 1s. each; 1-oz. bottles, 8d. each. **PYRAGALLIC ACID, CRYST.**—1 cwt. and over, 9s.; 56 lb., 9s. 3d.; 28 lb., 9s. 6d.; 14 lb., 10s. 6d.; 7 lb., 11s. 6d. per lb. Bulk tins free, 1-lb. tins, 4d. extra and 1-lb. bottles, 6d. extra. **PYRAGALLIC ACID, RESUB.**—1 lb., 15s.; 8 oz., 8s.; 3d.; 4 oz., 4s. 9d. each; 1 oz., 22s. per doz. oz. **SODIUM SULPHIDE (PURE).**—7 lb., 1s. 9d.; 1 lb., 2s. per lb., bottles free. **SODIUM SULPHITE RECRYST.**—One cwt., 24s. 6d. per cwt.; 56 lb. for 13s. 3d.; 28 lb. for 7s. **METOL.**—1 cwt., 11s.; 56 lb., 11s. 3d.; 28 lb., 11s. 6d. per lb., net; 14 lb., 12s.; 7 lb., 12s. 9d.; 3 lb., 13s. 6d.; less than 3 lb., 14s. per lb., less 2½ per cent. monthly account; bulk tins free; 16-oz. bottles, 6d. each extra. Retail quantities: 16 oz., 14s. 6d.; 8 oz., 8s.; 4 oz., 4s. 3d., bottles free.

PIPERAZINE.—The price for bulk quantities would be about 75s. per lb.; small lots, in 1-oz. bottles, 5s. 6d. to 6s. per oz.

PILOCARPINE.—Makers' scales of prices continue unchanged:—

	oz.	4 oz.	25 oz.	100 oz.
Alkaloid	21s. 6d.	21s. od.	20s. 6d.	20s. od. oz.
Hydrochloride	16s. 6d.	16s. od.	15s. 6d.	15s. od. oz.
Nitrate	14s. od.	13s. 6d.	13s. od.	12s. 6d. oz.

Bottles, under 5 gm. or ½ oz., corked, 3d.; stoppered, 5d.; 5 gm. to 25 gm. or ½ oz. to 1 oz., corked, 3d.; stoppered, 6d.; 25 gm. or 1 oz., corked, 3d.; stoppered, 7½d.; 50 gm. or 2 oz., corked, 4d.; stoppered, 9d. each; 100 gm. and over, included in price; tubes, per 100, 5-gr., 10s. 6d.; 10-gr., 12s. 3d.; 15-gr., 14s.

QUININE SALTS.—Prices for these salts continue steady as quoted: **SULPHATE.**, 104·90 Dutch florins; **HYDROCHLORIDE**, 131·25; **BIHYDROCHLORIDE**, 143·75; **ETHYL CARBONATE**, 134·50 per 100-oz., f.o.b. Holland. 100-oz. tins free; smaller packages extra. Supplies of **SULPHATE** in dealers' hands limited and quoted at 3s. 1d. to 3s. 2d. per oz.

ROCHELLE SALTS.—Makers' prices for **SODIUM AND POTASSIUM TARTRATE**, B.P., are at the advance recently recorded: Powder, less than 1 cwt., 112s. 6d., less than 5 cwt., 110s.; not less than 5 cwt. in one delivery, 107s. 6d.; crystals, 2s. 6d. per cwt. extra. **PULV. SEIDLITZ.**—Less than 1 cwt., 88s. 9d.; less than 5 cwt., 86s. 9d.; not less than 5 cwt. in one delivery, 85s. per cwt. **DOUBLE SEIDLITZ.**—Less than 1 cwt., 99s.; less than 5 cwt., 96s. 9d.; not less than 5 cwt. in one delivery, 94s. 6d. per cwt., net, from fourteen days; contracts subject to rise-and-fall clause.

SALICYLIC ACID (B.P.).—No change in makers' scales of prices, as follows:—

In containers of	1 lb.	2 lb.	4 lb.	7 lb.	14 lb.	28 lb.
	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.
Under 4 lb. . . .	2 7½	2 6	—	—	—	—
4 lb. and under 7 lb. . . .	2 6½	2 5	2 4½	—	—	—
7 lb. and under 14 lb. . . .	2 5½	2 4	2 3½	2 3½	—	—
14 lb. and under 28 lb. . . .	2 4½	2 3	2 2½	2 2½	2 2	—
28 lb. and under 1 cwt. . . .	2 3½	2 2	2 1½	2 1½	2 1	2 0½
1 cwt. and under 5 cwt. . . .	1 11½	1 10	1 9½	1 9½	1 9*	1 8½
5 cwt. and under 1 ton	1 11	1 9½	1 9½	1 8½	1 8½*	1 8
1 ton	1 10	1 8½	1 8½	1 7½	1 7½*	1 7

* 8 × 14 lb. and upwards, in one delivery, ½d. lb. less.

Prices include parcels or collapsible cartons; other packages charged extra. Can be assorted with sodium salicylate. Prices are quoted subject to an undertaking on part of buyer not to re-sell any quantities at prices or terms below scale for such quantities current at time re-sale is made.

SACCHARIN.—The duty-paid Convention price for 550 material is firm at 98s. 4d. per lb. Business is on a fair scale. Neither wholesale nor retail prices are under Government control.

SODIUM BENZOATE (B.P.).—Demand continues good, with makers' and dealers' prices at 1s. 9d. per lb. for bulk quantities, and up to 2s. 2d. for small parcels.

SULPHONAL.—No change in dealers' spot price of 33s. per lb., for bulk quantities; for small parcels, up to 35s. per lb.

STRYCHNINE SALTS.—British makers' prices per oz. are at the advances recorded recently:—

	Under 100 oz. and under 500 oz.	100 oz. and over	Under 100 oz. and under 500 oz.	100 oz. and over	Under 100 oz. and under 500 oz.	100 oz. and over
Alkaloid, cryst.	s. d.	s. d.	s. d.	s. d.	Nitrate, powder	s. d.
" præcip.	2 2	2 1	2 0	2 0	" No. 2	1 11
Acetate ..	2 4	2 3	2 2	2 2	" Phosphate ..	1 7
Arsenate ..	2 3	2 2	2 1	2 1	Sulphate, neutral	2 8
Arsenite ..	2 4	2 3	2 2	2 2	cryst ..	2 7
Bisulphate ..	1 8	1 7	1 6	1 6	Sulphate, neutral	1 7
Hydrochloride ..	2 0	1 11	1 10	1 10	" powder ..	1 9
Hypophosphite ..	4 2	4 1	4 0	4 0	Sulphate, neutral	1 8
Nitrate, cryst. ..	2 0	1 11	1 10	1 10	powder No. 2	1 5

25-oz. containers and outer cases free; smaller packages extra. Contracts may be booked for quantities of 100 oz. and over, with rise-and-fall clause, for a period of six months Terms net thirty days. Wholesale distributors' prices for small quantities would be dearer.

TARTARIC ACID (B.P. CRYSTALS).—Makers advise their quotation, which continues nominal, is now 1s. 6½d. per lb., less 5 per cent. discount, with supplies reserved for regular consumer customers. Small supplies of foreign material quoted at about 2s. 3d. per lb.

THEOBROMINE.—Dutch shippers' prices continue firm, as follows:—
PURE: Less than 46 lb., 2 dollars, 55 cents; 56 lb., 2 dollars 50 cents; 1 cwt., 2 dollars 45 cents; 2 cwt., 2 dollars 40 cents per lb. **SODA SAL.:** Less than 56 lb., 1 dollar 8½ cents; 56 lb., 1 dollar 79 cents; 1 cwt., 1 dollar 77 cents; 2 cwt., 1 dollar 74 cents per lb., f.o.b. Amsterdam or Rotterdam.

VANILLIN.—Supplies limited. Makers' prices continue unchanged as follows: Ex clove oil or guaiacol, five cwt., 14s. 6d. per lb.; one cwt., 14s. 7½d.; 56 lb., 14s. 9d.; less than 56 lb., 15s. carriage paid in the United Kingdom.

Crude Drugs, etc.

SPOT prices have tended to become firmer during the week. A fair volume of business is reported.

AGAR.—Spot prices are unchanged; the good demand continues. Kobe No. 1, 8s. to 8s. 3d. per lb.; Kobe No. 2, 7s. 6d. to 7s. 9d.; and Yokohama No. 1, 7s. 6d. to 7s. 9d., duty paid. Shipment from Japan is much firmer: May–June, Kobe No. 1, 7s. 5d. to 7s. 8d., with buyers at 6s. 9d.; Kobe No. 2, 6s. 10½d. to 7s., with sellers at 6s. 6d.; Yokohama No. 1, 7s. per lb., c.i.f.

ALKANET ROOT.—Spot is quoted at about 77s. 6d. per cwt., ex store.

ALOES.—Curaçao is in steady routine demand, but there is not much available at about 300s. per cwt., ex store. No shipment offers from source, but a price of 245s. per cwt. is suggested from New York for last year's crop.

ANTIMONY.—English regulus, £106. Continental regulus, £98 to £99 per ton, duty paid.

BALSAMS.—Market steady; small business passing. **Tolu**, about 6s. 3d.; soft, 6s. **Canada**, in small supply at about 5s. 3d. **Copaiba**, Para, 3s. 6d.; **Peru**, 8s. 9d. per lb., duty paid.

BUCHU.—Market quiet. New-crop rounds, about 2s. 7d. to 3s., and ovals, 2s. 7d. per lb., ex store. Shipment is quoted at about 2s. 6d. per lb., c.i.f., for new crop.

CAMPHOR.—Japanese continues in good demand, with spot supplies limited. Tablets, spot, 5s. 6d. per lb.; slabs, 5s. 3d., duty paid. Prices from Japan for June shipment are higher at 5s. 6d. for tablets and 5s. 3d. for slabs. There are no offers of BB commercial grade, but, on the basis of the last price of the yen, value would be about £24 per 100 lb. Continental synthetic powder, 5s.; tablets, 5s. 6d. per lb., ex store. English makers of refined recently increased their prices as follows: Flowers, one cwt., 5s. 9d.; 28 lb., 5s. 1d.; less than 28 lb., 5s. 1d. per lb. Transverse tablets, 1-oz., one cwt., 6s. 3d.; 28 lb., 6s. 4d.; less than 28 lb., 6s. 5d. per lb.

CARDAMOMS.—Market neglected; values unchanged. Ceylon, bleached, bold, 5s.; medium pale, 3s. 9d. to 4s.; small, 3s. 6d.; Bombay seed, 4s. 6d. per lb.; Mangalore seed, 4s. 3d.; Aleppy greens, spot, 3s. 3d. to 3s. 4d.; shipment, 2s. 6d., c.i.f.

CASCARA SAGRADA.—Fair demand for spot material. Spot, 1939 peel, about 100s. per cwt., ex store; 1938 peel, 110s. to 115s. per cwt., ex store. No further offers of new crop.

CASCARILLA.—Quoted on spot at about 1s. 6d. per lb.; siftings, about 1s. 4d. per lb.

CLOVES.—Market continues quiet. Zanzibar, spot, 1d. per lb.; shipment, May–June, 9½d., c.i.f.; Madagascar, sellers at 1d. per lb., in bond; shipment, May–June, 9½d. per lb., c.i.f.

COCONUT (DESICCATED).—Market steadier. Fine spot, 26s. 6d.; medium, 26s.; shipment, May-June, 22s. per cwt., c.i.f.

COD LIVER OIL.—Norwegian medicinal oil continues in short supply, and no material is coming forward. Quotations for finest-quality British medicinal oil continue nominal.

ERGOT.—Good demand continues, with spot supplies still short. Portuguese, about 25s. to 26s. per lb.; shipment, about 21s. to 22s. 6d. per lb., c.i.f. Spanish, spot, if available, about 27s.; shipment, about 21s. 6d., c.i.f. Hungarian, spot, about 14s. 9d. to 15s. for small lots; afloat, about 13s. per lb., c.i.f.

GAMBoge.—Some good Siam pipe available at about £26 per cwt., duty paid.

GENTIAN.—French root is quoted dearer on spot at 52s. 6d. to 55s. per cwt., ex store.

GINGER.—Market steady. West African, spot, 29s. per cwt.; shipment, May-June, 22s., c.i.f. Jamaican, spot, small-medium, 55s.; bold, in barrels, 85s. per cwt., ex store. Cochin, unwashed, 45s. per cwt., ex store; shipment, 33s. per cwt., c.i.f.

GUM ACACIA.—Quiet and unchanged. Kordofan cleaned sorts, dearer on spot at about 65s.; shipment, 45s. per cwt., c.i.f.

HENBANE.—Spot, scarce, about 180s. per cwt., nominal, ex store.

IPECACUANHA.—The spot market is firm. Matto Grosso, about 26s. to 27s. per lb., according to holder; shipment, May-June, firm at about 22s. to 23s. per lb., c.i.f. Minas is offered more freely on spot at about 12s. 9d. to 13s. per lb., according to test. Shipment, about 10s. 3d. to 10s. 9d. per lb., c.i.f. Ext. IPECAC. LIQ., 35s. 6d. per lb. for minimum lots of twelve winchesters.

MENTHOL.—Good demand for Chinese material; spot, about 15s. to 15s. 3d. per lb.; prices from China for May-June shipment vary considerably between 13s. 9d. and 14s. 9d.; resellers at 13s. 3d., c.i.f. Japanese, in small demand; K/S brands are at about 20s. per lb., duty paid, and 19s. in bond.

MERCURY.—The price quoted ex warehouse, London, net, without engagement, is £51 8s. 6d. per bottle of 75 lb. No shipment prices available.

ORRIS ROOT.—Fair Florentine sorts quoted at the increased price of 120s. per cwt., ex store.

PEPPER.—Market steadier. Lampong, in bond, 3½d., May-June, 3d., c.i.f. Telli Cherry, spot, 4½d., May-June, 34s. per cwt., c.i.f. Aleppy, spot, 4½d.; May-June, 34s., c.i.f. White Muntok, duty paid, 5½d.; in bond, 5d.; May-June, 4½d. per lb., c.i.f.

PIMENTO.—Steady and unchanged. Spot, 1s. 2d. per lb.; shipment, May-June, nominal.

RHUBARB.—Market continues firm. Most of the cheaper rough-round has now been cleared. Spot, about 5s. per lb. is generally asked. Good-quality rough-round for shipment is quoted at about 4s. 9d., c.i.f. Slightly-wormy is available at about 3s. 9d. per lb.

RUBBER.—Market closed steady, business moderate. Standard ribbed smoked sheet, spot, 12d.; shipment, June, 12d.; July-September, 12½d. per lb.

SEEDS.—**ANISE.**—Spot, Cyprus, 80s., duty free; Bulgarian, 70s.; Syrian, 70s., both duty paid. **CANARY.**—Spot, Mazagan, quoted at 27s. 6d.; Morocco, 26s. 6d., duty paid. **CARAWAY.**—Spot, Dutch, quoted at 90s. duty paid. **CORIANDER.**—Spot, a little more business passing. Morocco sold at 21s., duty paid, and 20s. in bond. **CUMIN.**—Spot, Malta, 85s., and Cyprus, 75s., both duty free. Morocco quoted at 80s., duty paid. **DILL.**—Spot, Indian, 36s., ex wharf London, and 35s., ex store Liverpool. **FENNEL.**—Spot, Indian, 52s. 6d. to 56s.; Iran, 50s. to 55s., in bond. **FENUGREEK.**—Spot, Morocco, 19s. 6d., duty paid; 19s. quoted, ex store Liverpool. **MUSTARD.**—Market firm at 52s. 6d. to 65s., according to quality.

SENGE.—Spot, in fair demand at about 4s. 10½d. to 5s. per lb. Last offers from origin for May-June shipment were at about 4s. 5d. per lb., c.i.f.

Senna.—Tinnevelly pods, best pale hand-picked, 10½d.; darker grades, 6½d. to 7½d.; f.a.q., 5½d. per lb.; leaves, No. 1, 8½d.; No. 2, 5½d.; No. 3, 4½d. per lb. The small consignment of new-crop Alexandrian hand-picked pods reported arrived recently was immediately cleared, and the market is now bare of supplies.

SELLAC.—Business moderate; market steady. Spot, standard TN orange, 82s. to 85s.; pure button, 120s.; fine orange, 125s. to 170s. per cwt. For arrival, TN orange, 70s. 6d. per cwt., c.i.f.

TONKA BEANS.—Fair frosted Para beans quoted at from 2s. to 2s. 6d. per lb. as to quality and quantity, ex store. Angostura, spot, 9s. per lb. Business continues quiet.

TRAGACANTH.—Market quiet. Finest selected white ribbon, from £82. No. 1, white, £75; No. 2, white, £63; No. 3, white, £49; pale leaf, £30; amber leaf, £22 10s.; red leaf, from £13 10s. Woody and hoggy, from £7 10s. All prices are per cwt., ex store London.

TURMERIC.—Spot, Madras and Rajapore finger, quoted at 42s. 6d. New crop for May-June shipment, Madras, 34s., c.i.f., and Rajapore, 34s. 6d., c.i.f.

WAXES.—**BEES'.** Values maintained but business limited owing to lack of stock. Spot, from 170s.; in bond, 160s.; shipment, Dar-es-Salaam, 155s. per cwt., c.i.f. Japanese, first three brands, spot, 120s., duty paid; shipment, 97s. 6d., c.i.f. **CARNAUBA.** Forward quotations continue at recent advances. Fatty grey, 420s.; chalky grey, spot, 410s. Primeira spot, 520s.

Essential and Expressed Oils, etc.

Most values are steady, with caraway, nutmeg, and palmarosa firm. Dutch rectified oils will be affected by the new war conditions.

ALMOND.—Steady and unchanged. Expressed oil, spot, cwt. lots, 3s. 2d.; smaller quantities, up to 3s. 9d. per lb., ex store. French, genuine bitter, firm at about 12s. 6d. or more per lb., ex store.

ANISE (STAR).—In good demand, with values unchanged. Tins in cases, 4s. 1½d. to 4s. 2d. per lb.; leads, 4s. 3d.; drums, 4s.; shipment, May-June, tins in cases, 3s. 8d. to 3s. 9d.; drums, 3s. 7d. to 3s. 8d. per lb., c.i.f. Some drums now afloat are reported sold at 3s. 9d. per lb., c.i.f.

BAY.—No change in value; quoted at from 5s. 3d. to 6s. per lb., ex store, as to quantity.

BERGAMOT.—Spot values remain a matter for negotiation, but about 35s. per lb., ex store, is indicated. Supplies of genuine oil are limited.

BOIS DE ROSE.—Market steady. Spot, about 8s. to 8s. 6d. per lb., ex store. Shipment, about 7s. 6d. per lb., c.i.f.

CARAWAY.—In increased demand, with not much material available; price likely to rise in near future.

CASSIA.—Spot supplies limited; market continues firm. Spot, about 5s. 3d. to 5s. 6d. for leads; drums at slightly less. No shipment offers.

CITRONELLA.—Market continues dull. Ceylon, spot, drums, 2s. 4d. to 2s. 6d.; small quantities, up to 3s. per lb.; shipment, drums, about 2s. per lb., c.i.f. Java, spot, drums, about 2s. 6d. to 2s. 10½d.; small quantities, up to 3s. per lb.; shipment, about 1s. 11d. per lb., c.i.f.; business of small account.

CIVET.—Spot is valued at about 29s. per oz. for highest-quality oil.

CLOVE.—Madagascar oil continues to be quoted on spot at about 5s. and upwards per lb., for drums, if available; English distilled oil, firm at 7s. to 7s. 3d. per lb., according to quantity.

EUCALYPTUS.—Spot prices are steady at recent figures of 4s. 6d. to 5s. per lb., as to holder, for 80 to 85 per cent. oil. Shipment continues firm; May, quoted at about 35s. per lb., c.i.f.

GERANIUM.—Spot supplies are still limited. Good-quality Bourbon is very firmly held at 15s. per lb.; shipment, firm at about 13s. 6d. per lb., c.i.f. Algerian is quoted on spot at about 16s. per lb.; no shipment offers available.

LEMON.—Spot is quoted at about 21s. per lb. for finest hand-pressed, blended oils being at lower prices. Shipment is now about 21s. per lb., c.i.f., for genuine oil. Californian oil, distilled, regular quality, 8s. 6d. per lb., at wharf. Shipment prices for cold-pressed are at the 20 cents increase recorded recently.

LIME.—Market firm. Genuine West Indian distilled, about 24s. per lb., with other qualities at lower prices.

LINSEED.—The controlled price for large bulk quantities of crude, naked ex works, is at £47 10s. per ton as a result of higher costs of seed and freight. Distributors' prices for ordinary quantities of crude or boiled, packed and carriage paid, would be at higher figures.

NUTMEG.—Market firm. American, 11s. 9d. to 12s. 6d., as to quantity; shipment, 10s. 6d. per lb., c.i.f. Dutch nominal.

ORANGE.—Average inquiry; market steady. Spot, about 4s. 6d. to 5s. per lb. No shipment quotations available. Californian oil is quoted in sterling at 4s. 10d. per lb., in small drums, ex store, duty paid, limited supplies only being available.

PALMAROSA.—Spot remains firm at about 11s. 6d. per lb., ex store, with supplies limited. Shipment, firm and unchanged at about 10s. per lb., c.i.f.

PATCHOULI.—Continues firm, without alteration of price. Any genuine Singapore oil on spot would be worth about 35s. to 37s. 6d. per lb. Seychelles oil is also reported scarce and is valued at about 27s. 6d. to 30s. per lb., nominal. No shipment offers available.

PEPPERMINT.—The demand for Japanese has eased off. Some small lots are still available at about 9s. 3d. to 9s. 6d. per lb. Several inquiries to Japan brought quotations of 8s. 6d. to 9s. per lb., c.i.f. Chinese material continues in good demand at about 5s. 9d. per lb., spot, with little more available at this price; shipment, May-June, about 5s. 3d. to 5s. 9d. per lb., c.i.f. American natural oil remains steady. Quoted at 14s. 3d., in drums, and 14s. 6d. in tins in cases, c.i.f. Spot, about 16s. per lb., ex store.

PETITGRAIN.—Price varies on spot at between 8s. 9d. to 9s. per lb., according to grade and packing.

ROSEMARY.—Spot price for Spanish oil is about 3s. 6d. to 3s. 9d. per lb., ex store. Tunis is available at about 3s. 6d. per lb.

SANDALWOOD.—Genuine East Indian Mysore, in one-case lots, 19s. per lb. East Indian, produced outside the province of Mysore, 18s. per lb., for bulk quantities. English-made West Indian, 15s. per lb. Australian, one-case lots, 16s., and five-cwt. lots, 15s. 6d. per lb.

SPIKE.—Quoted at in the region of 7s. 6d. to 8s. per lb. for good-quality Spanish, ex store. Other grades would be cheaper.

TITREE.—Spot offered by importers at about 52s. 6d. per gallon, in tins.

TURPENTINE (AMERICAN). Values are steady: London, 54s. 9d. per cwt., tax paid, in barrels, ex wharf; Liverpool, 61s., in barrels, ex store.

TURTLE.—Empire oil is quoted as follows: Refined hydrogenated green, in one-gallon tins, 45s. per gallon; filtered crude green, 2s. to 2s. 6d. per lb., according to package.

VETIVERT.—Market firm, with limited supplies of Bourbon valued at about 25s. to 26s. per lb. Java is quoted on spot at about 21s. to 22s. per lb., ex store.

WORMSEED.—Steady; not much available. Spot, 24s. 6d.; shipment, 23s. per lb., c.i.f.

MEDICAL ABSTRACTS

Vitamin B₁ for Pain of Varicose Ulcers.—A. Ochsner and M. C. Smith ("Journal of the American Medical Association," March 16, 1940, p. 947) report on the use of vitamin B₁ for the relief of pain in varicose ulcers. It is stated that patients with painful varicose ulcers were relieved shortly after the institution of vitamin B₁ therapy. Of ten patients with painful varicose ulcers all but one were definitely relieved and eight had complete subsidence of their symptoms. The length of time before the onset of relief varied from three to eleven, with an average of five days. Diets relatively high in vitamin B₁ content were used and tablets of vitamin B₁ hydrochloride in doses above the daily minimum requirement of 300 international units were given. It appeared that large doses of vitamin B₁ were necessary to produce the desired results. The authors state that at present they believe that at least 5 mgm. (1,500 units) three times a day should be given to patients with painful varicose ulcers, and if the symptoms do not subside within three to four days the dose should be doubled.

Insulin Suppositories.—The action of insulin suppositories on rabbits and healthy human beings is reported by B. Brahn ("Lancet," May 4, 1940, p. 829). It was found that suppositories of insulin and cocoa butter had no effect. The addition of acid preserved the efficacy of the insulin, a combination of lactic and palmitic acids proving most useful. The addition of saponin increased the intensity and duration of the action of an acid-containing insulin suppository in rabbits and man. The author states that the action of insulin introduced in suppositories sets in quickly, attaining its maximum after 30–40 minutes, when the action rapidly subsides. The effect of insulin suppositories may be varied either by increasing the insulin content in an otherwise unchanged composition, or by modifying the quantity of acid and saponin without changing the amount of insulin, or by varying the quantity of each substance. Clinical tests have shown that one suppository unit is apparently equivalent to about ten injection units. The suppositories are stated to have a prolonged action—up to eight hours. The author concludes that further tests will be necessary to prove the value of these suppositories in the treatment of diabetes.

Dosage of Sulphanilamide and Sulphapyridine.—The Council on Pharmacy and Chemistry of the American Medical Association recently authorised publication of revised descriptions of sulphanilamide and sulphapyridine. The following information on dosage of the two compounds is abstracted from the "Journal of the American Medical Association," January 27, 1940, p. 326.

SULPHANILAMIDE.—The dose of sulphanilamide depends on the type and severity of the infection. It is suggested that in adults in cases of serious infections the dose be 1 gm. (gr. 15) every four hours for forty-eight hours and then from 0.5 gm. (gr. 7½) to 0.66 gm. (gr. 10) every four hours thereafter. The main index for control of therapy should not be the dose prescribed but rather the concentrations of sulphanilamide obtained in the blood or other tissue fluids. For this reason it is desirable always to determine the values of sulphanilamide in the blood and body fluids at frequent intervals, and usually advisable, in order to avoid relapses, to continue therapy for a few days after clinical recovery has taken place. Infants tolerate the drug well, the dose being from one-third to one-half of the adult dose; children require from one-half to three-quarters of the adult dose. Patients who cannot take the drug by mouth may be given subcutaneous injections of a 1 per cent. solution in physiological solution of sodium chloride or, better still, in one-sixth molar sodium (racemic) lactate solution.

SULPHAPYRIDINE.—Adequate standards of dosage have not as yet been agreed on by investigators who have used this drug in the treatment of pneumococcal or other infections. The evidence indicates that it is important to establish adequate blood levels of the drug within the first day of treatment. Hence, in adults suffering from lobar pneumonia, large initial doses (such as 4 gm.) are given, followed by 1 gm. every four hours orally, to be continued until the temperature has been normal for at least forty-eight hours; then the dose may be cut to 1 gm. every six hours and continued until resolution of the pneumonic process is well under way. At this point the dose of the drug should be reduced to 0.5 gm. four times daily, continued until the lungs are clear. It has been noted that, if treatment with the drug is stopped too soon, recurrence of the pneumonic process may occur. Concentrations of 4 mgm. or more of free sulphapyridine for each 100 c.c. of blood seem to be necessary for prompt therapeutic responses. In children the initial dose should be from 1 to 2 gm. initially, depending on the weight of the child, and then from 0.5 to 1 gm. every four or six hours until the temperature has been normal for forty-eight hours.

CORRESPONDENCE

Correspondents may adopt an assumed name, but must in all cases furnish their real name and address to the Editor

The Purchase Tax

SIR.—It is difficult for anyone who is not a financial expert to follow the reasons for the imposition of a tax for the purpose of slowing down trade. In ordinary circumstances an increase in trade is a sign of national prosperity, and though one can see that under war conditions there is a necessity for restricting the importation of luxury articles from abroad, yet a decrease in spending by the public must seriously affect many shopkeepers. It may be presumed that the new tax is not intended to be applied to drugs, which cannot be termed luxuries. But shops of the kind generally known as "fancy" may be badly hit, and probably many will have to close. In this event there is a loss to the community, since shops standing empty do not bear their proportion of local rates, while the proprietors, being out of business, cannot pay their taxes.

Yours faithfully,

TAXPAYER (29/4)

Multiple Shops and Apprentices

SIR.—I was somewhat surprised to read, in a report of a meeting at Middlesbrough (*C. & D.*, May 11, p. 352), Mr. Hirst's estimate that half of the members qualified in recent years had been apprenticed to multiple firms. Presumably the reason is security of employment after qualification. If a private pharmacist takes an apprentice seldom can he offer the young man further employment after qualifying . . . for the simple reason that there is not the scope for more than the proprietor and, say, one assistant and the apprentice. But a multiple firm can reabsorb its apprentices after qualification and provide them with permanent employment. It is true that this is equivalent to passing one's life as an employee, but it promises as good a living as may be obtained in any other trade or in some offices, and salaries of qualified managers are probably better than the livings earned by certain pharmacists in business for themselves.

Yours faithfully,

INDIVIDUALIST (14/5)

MISCELLANEOUS INQUIRIES

We do not undertake to analyse and report upon proprietary articles nor to publish supposed formulas for them

Model Aeroplane Dope.—C.V. (3).—The following are suitable formulas—

	I	II
Cellulose acetate	350 gm.	6·6 parts
Triphenyl phosphate	50 gm.	Tetrachlorethane
Acetone	2,500 c.c.	12 parts
Benzole	1,200 c.c.	Carbon tetrachloride
Alcohol	1,200 c.c.	Acetone
Benzyl alcohol	100 c.c.	Alcohol

Bald Patches on Cattle.—J. C. (25/4).—Unless the blister was too strong or the cow injured itself by rubbing, so destroying the hair bulbs, there should be no blemish or bald place left after blistering. If the patch is large, then a simple ointment such as the following can be tried:—

Precipitated sulphur	. . .	. . .	1 oz.
Coconut oil	. . .	. . .	1 oz.
Soft paraffin	. . .	. . .	6 oz.
Rub in every second day, but if a small patch, use:—			
Precipitated sulphur	. . .	. . .	2 dr.
Resorcin	. . .	. . .	30 gr.
Balsam of Peru	. . .	. . .	1 dr.
Soft paraffin	. . .	. . .	2 oz.

Rub in every second day.

Worms in Poultry.—S. A. B. (25/4).—Treatment consists of local and preventive methods. To prevent infection one should attack the eggs present on the dropping boards and ground. Liberal sprinkling with saturated brine is said to be very effective. Individual birds may be treated with oil. anisi, $\frac{1}{2}$ j., terebenum $\frac{1}{2}$ j., ol. ricini 3 j. Add to a wet mash and feed on an empty stomach. Repeat in four days' time. The Ministry of Agriculture in their poultry bulletin recommend: "For 100 birds one pound of finely-chopped tobacco is steeped in water for two hours and mixed with half the usual ration of mash. All food should be withheld the day before, and the following day feed mash and tobacco. Two hours afterwards a quarter ration of mash should contain eleven ounces of Epsom salts for every 100 birds. Repeat in ten days. The following individual treatment gives better results: A stock mixture of 6·6 c.c. of 40 per cent. nicotine sulphate and 16 gm. of fuller's earth should be made in small gelatin capsules of doses of 0.5 gm." Care must be taken in drenching birds to see that no fluid passes into the trachea, or pneumonia will result.

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CURICONES

ANTI-RHEUMATIC CAPSULES

Supplied by request to over 6050 doctors
(Figures certified by Chartered Accountants)

OTHER POPULAR LINES
STE-MAT Nasal Balm, for the relief of colds and catarrh, is winning an ever-increasing circle of friends. In a nationwide investigation 81 per cent. of sufferers stated they found STE-MAT more effective than any other remedy.

VICAPS, the Proved Nerve Tonic, did yeoman service during the last war in cases of nervous prostration, sleeplessness, lost appetite, neuralgic pain, and "War Nerves" generally. To-day VICAPS are coming into their own again. Advertising plans are in hand.

FOR

GOUT · LUMBAGO · ARTHRITIS · RHEUMATISM · SCIATICA · NEURITIS · Swollen Joints & Kindred Ills

STEPHEN MATTHEWS & CO. LTD., Manufacturing Chemists and Druggists, 19-21 Farringdon Street, London, E.C.4

The special nasal application bottle makes

EPHEDROL

BRAND

The Standard Remedy for
COLDS, CATARRH & HAY FEVER

Many medical men have endorsed the efficacy of "Ephedrol" in giving quick relief from the symptoms of Hay Fever, Colds and Catarrh. Far more convenient to use than spray or pipette, "Ephedrol" can be carried

in pocket or handbag without fear of leakage.

PRICES

3/- retail, 23/- per doz. 22/- per doz. for 3 doz. lots.
1/6 retail, 12/- per doz. 11/- per doz. for 3 doz. lots.

Printed matter and display material free.



REGD TRADE MARK

CLAY & ABRAHAM LTD.

Manufacturing Chemists - LIVERPOOL

A
Chemist's
Friend
Product



C418

MORE and MORE
PEOPLE are TAKING

SAMONA

THE WONDERFUL MEDICAL RESTORATIVE

Which brings IMMEDIATE RELIEF in all cases of

NERVE STRAIN

DEPRESSION

SLEEPLESSNESS

TIRED and LISTLESS APPEARANCE

**MENTAL and PHYSICAL
EXHAUSTION**

P.A.T.A. Terms
From all Wholesale Houses

Samona Brand Tablets are supplied in two forms:

No. 1 for Men (Orange Tablets);

No. 2 for Women (Brown Tablets).

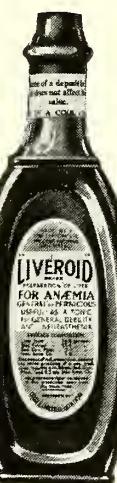
Retail price 3s. and 5s. (more than double quantity)

SAMONA, LTD., 16 CHARTERHOUSE STREET, LONDON, E.C.4

"LIVEROID"

Brand

*Preparation of Liver
for ANÆMIA*



A concentrated preparation
of the natural uncoagulated
juice of liver, in combi-
nation with other blood
and nerve forming
substances.

Highly recommended for
the treatment of Anæmia
in all its forms.

Also a splendid tonic in
cases of Nervous Debility,
Neurasthenia or Weakness.

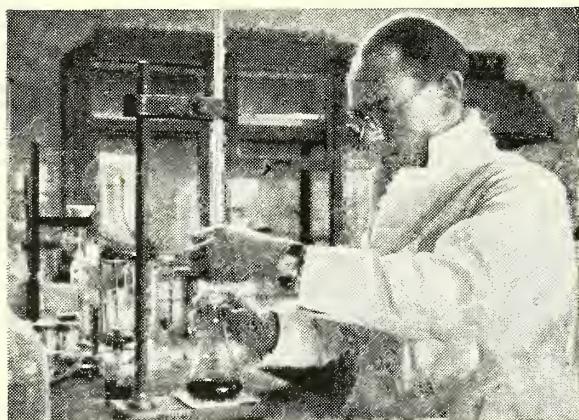
In Bottles
3/11 and 6/6

Sold by Chemists
Everywhere

OXO LIMITED

Thames House, Queen Street Place, E.C.4

HE'S PAID TO LOOK FOR TROUBLE —



and to avoid it. Always watching—testing—checking! Day after day the exact eye of science scrutinises the enzyme extracts that go into the making of Benger's Food. Day after day the whole organisation of our modern laboratory works to exactitudes in securing purity and uniformity. There are people who say we are fussy, and it is true to the extent that our laboratory staff, like the man in the illustration, is always watching.

TELL YOUR CUSTOMERS THIS ABOUT BENGERS

Tell your customers that Benger's Food contains pancreatic digestive enzymes, and that when the hot milk is poured on to the cold mixture—according to directions for making—the resulting temperature releases these enzymes for their work. This is partial digestion of both Food and milk. Tell them that Benger's is the only Food in the world which does this. Tell them it only takes as long to make as half a pint of milk takes to boil.



BENGERS FOOD, LTD.
Holmes Chapel, Cheshire.

"Something nice... for the children"

'Dettolin' gargle and mouthwash has a great advantage. In spite of its high germicidal efficiency it is very agreeable to use. 'Dettolin' contains among other ingredients the active germicidal principle of 'Dettol'—the modern antiseptic.

'Dettolin' can be recommended with confidence for conditions of the mouth and throat: it is gentle on mucous membranes.

'Dettolin' is packed in attractive bottles. Prices 9d. and 1/3.



FORMULA: Dimethyl Chlor Phenyl Hydrate 1·02%, Menthol 0·12%, Sapo Vegetalis 0·5%, Tinct. Rosae Aromatica 64·9%, Elixir Glusidi B.P.C. 6·0%, Aqua dest. ad. 100 vols.

'DETTO LIN'
BRAND
**Gargle and
Mouthwash**

RECKITT AND SONS, HULL AND LONDON.
(PHARMACEUTICAL DEPARTMENT, HULL)

THE BIGGEST ADVERTISER gets you the BIGGEST SALES!

IF you display '**ASPRO**' advertising material!



Thousands of chemists have proved positively that when they consistently display 'ASPRO' advertising matter their sales go up by leaps and bounds. The reason for this is that 'ASPRO' is the largest advertised proprietary line. Millions of people read 'ASPRO' advertisements, so the chemist who gives displays of 'ASPRO' advertising matter gets the benefit of the advertising just as if he put in the advertisement in his own name. The result is that new customers are brought into his shop. He not only sells 'ASPRO' but his own goods as well. Advertising is a live, active force. Contact with it and you get the benefit of its sales activity. Why not try this out yourself to-day?

HERE'S A TYPICAL 'ASPRO' WINDOW SHOW



'ASPRO' consists of the purest Acetylsalicylic Acid that has ever been known to Medical Science, and its claims are based on its superiority.

Made in England by
ASPRO LIMITED
SLOUGH, BUCKS.

Telephone: Slough 22381

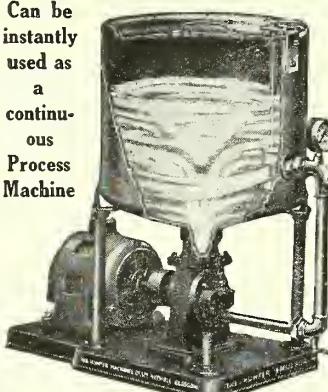
No proprietary right is claimed in the method of manufacture or the formula.

PUBLIC NOTICE

No increase in 'ASPRO' prices. They remain the same as pre-war. If unforeseen circumstances cause any revision adequate notice will be given.

THE HUNTER EMULSOR

Can be instantly used as a continuous Process Machine



**IT MIXES
IT EMULSIFIES
IT HOMOGENISES**

A FEW OF THE INDUSTRIES USING THE HUNTER EMULSOR
CHEMICAL PHARMACEUTICAL COSMETIC DAIRY BAKERY PAINT DISINFECTANT TAR EMULSIONS ETC., ETC., ETC.

MIXING. THE VORTEX ACTION ENSURES PERFECT BLENDING OF FLUIDS OF DIFFERENT SPECIFIC GRAVITY.

EMULSIFICATION. THE CONTINUOUS CIRCULATING PRINCIPLE ENSURES PERFECT AND STABLE EMULSIONS

HOMOGENISING. HIGH HOMOGENISING PRESSURES ENSURE REDUCTION OF OIL GLOBULES TO MICROSCOPIC DIMENSIONS.

SIZES. MADE IN 2-5-10-25-50 GALLON MODELS, OR IF FOR CONTINUOUS PROCESS, MADE TO GIVE UP TO 2,000 GALLONS PER HOUR. LABORATORY MODEL TO MAKE $\frac{1}{2}$ TO 1 PINT EMULSION.

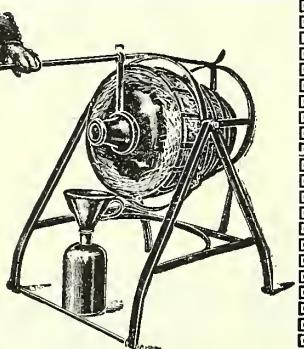
THE HUNTER MACHINE CO., LTD., NITSHILL RD., GLASGOW

**CARBOY STAND
AND TILTER**

For drawing off small quantities of Acids from Carboys.

The Carboy can be tipped to any position with one hand.

LEIGH & SONS METAL WORKS
Orlando Street BOLTON

***Is it Price-Protected
by the P.A.T.A. ?***

By joining the P.A.T.A. nearly four hundred proprietary manufacturers have protected their prices and profits and thus demonstrated their goodwill to the retailer. The P.A.T.A. Year Book and Protected List enumerates these price-maintenance manufacturers and their proprietary articles.

On all proprietaries protected by the P.A.T.A., the retailer is assured of a fair and guaranteed profit. P.A.T.A. minimum retail prices are enforced, and the allowance of dividend rebate or bonus is prohibited.

If you are not sure that a line is "on the P.A.T.A.", refer to this List, and if it is not there, ask the maker the reason why!

CONSULT THE PROTECTED LIST AND SUPPORT THOSE MANUFACTURERS
who protect prices and profits through the P.A.T.A.

THE PROPRIETARY ARTICLES TRADE ASSOCIATION

43 Gordon Square, LONDON, W.C.I.

**COMPOSITION STOPPERS
BAKELITE MOULDINGS
COMPACTE COSMETIC & ROUGE BOXES**

200 Varieties
Any Colour.
A suitable Composition Stopper will enhance the selling value of your package. Let us fit your Bottles and quote you.

W. J. SHARPLIN, Ltd.

Telephone :
Mountview 3952

Middle Lane Works, Hornsey, LONDON, N.8

**BOTTLE BOXES
of all kinds**

PACKING CASES, CRATES, DRAINERS, etc.

HENRY HADFIELD, Ltd.
South Accommodation Rd., HUNSLET, LEEDS, 10

'Phone
24070 LEEDS

Grams :
PACKING PHONE
LEEDS'

“SURCO”
RELIABLE
ELASTIC HOSIERY
SEAMED & SEAMLESS
For special garments to measure we maintain a 24 hour service.
:: BODY BELTS ::
TRUSSES :: SUNDRIES

Permit us to quote you

SURGICAL HOSIERY CO. LTD.
Russell Street :: NOTTINGHAM

Telephone No. 75903. Telegrams: SURGICAL NOTTM.

GOODWILL SURVIVES!

Goodwill is an asset which the war need not destroy. On the contrary, in these difficult times you should redouble your efforts to maintain the confidence of your customers. With Burge, Warren & Ridgley as your suppliers of Druggists' Sundries, Toilet Requisites, Birth Control Appliances, etc., you know that the satisfaction of your customers is assured. Since 1850 we have been steadily enhancing our reputation by our policy of selling quality lines at competitive prices. Our experience and genuine desire to co-operate with you to the fullest extent are today worth more to you than ever before.

BURGE, WARREN & RIDGLEY, LTD.

91-92 Saffron Hill, London, E.C.I

TELEPHONE, HOLBORN 0050
TELEGRAMS: "DRUGSUND SMITH, LONDON"

ESTABLISHED 1850



THE
“MATER”
CLINICAL REGD.
The position of the Mercury column is at once perfectly plain. Red markings above 99.4.

ALL TYPES OF
CLINICAL
AND OTHER
THERMOMETERS

**PERKEN, SON
& CO. LTD.**
(ESTABLISHED 1852)
Price List on Application:
8 HATTON GARDEN,
LONDON, E.C.1
Telephone : 0724 Holborn
Telegrams : "Optimus, Smith, London"

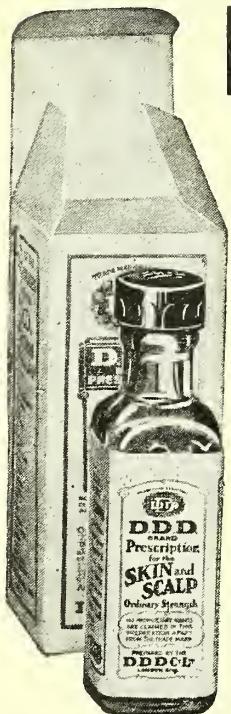
WILLIAM MATHER, LIMITED
DYER STREET, MANCHESTER.
(Established 1826)



ZINC OXIDE and RUBBER ADHESIVE PLAISTER
ON SPOOLS

POROUS PLAISTERS. ELASTIC PLAISTER BANDAGES
ANTISEPTIC PLAISTER DRESSINGS, "CROCUS" CORN
COMFORT, Etc.

There are THREE Sales Angles for **D.D.D. PRESCRIPTION**



The vigorous and extensive Press publicity campaign behind D.D.D. Brand Prescription presents the merits of this well-known product from three different angles. Firstly, it is advertised as an always reliable remedy for all forms of skin troubles. Secondly, there is a special appeal to women emphasising its value as a cleansing lotion, which, used at night, lays the foundation of a healthy and beautiful skin. Thirdly, it is pointed out that in cases of emergency, D.D.D. Brand Prescription provides the ideal first aid treatment for burns, scalds, slight wounds, etc. These three sales angles keep D.D.D. Brand Prescription a quick and regular selling line.

PRICE LIST

D.D.D. Brand Prescription (Small Bottle) ...	1s. 3d.	D.D.D. Soap (per Tablet) ...	... 1s. 0d.
" " " (Medium Size) ...	3s. 0d.	D.D.D. Vanishing Cream (Large Jar) ...	... 1s. 0d.
" " " (Large Bottle) ...	5s. 0d.	D.D.D. Cold Cream (Large Jar) ...	... 1s. 0d.
" " " (Extra Strong), per Bottle 3s. and 5s.		D.D.D. Talcum Powder (per Box) ...	... 1s. 0d.

Less usual Discounts

D.D.D. COMPANY LTD.

3 FLEET LANE, LONDON, E.C.4

TELEPHONE: CEN. 2185

BRITISH MANUFACTURED

LEO PILLS, BASCH TABLETS HADENSA OINTMENT, NEDA FRUIT CUBES

All to the same formulæ and at the same prices
as the original German Products

THE ORIGINAL BRITISH MANUFACTURED

BRONCHOVYDRIN

To the same formulæ as the German
product is available in unlimited quantities

Full particulars of Special Terms for all the above products for Home consumption
and abroad from—

MOORE MEDICINAL PRODUCTS LIMITED
AMERSHAM, BUCKS. Telephone Amersham 1266
and at ABERDEEN



The CHEMIST AND DRUGGIST SUPPLEMENT

This Supplement is inserted in every copy of
The Chemist & Druggist

28 ESSEX STREET, LONDON, W.C.2

MAY 18
1940

IMPORTANT NOTICE

The enormously increased cost and compulsory restriction of paper supplies, together with heavy increase in postal rates, have necessitated a revision of our tariff for classified advertisements. Advertisers are asked to note carefully the new rates which are now operative.

ADVERTISEMENT TARIFF

AGENCIES,
GOODS FOR SALE,
PARTNERSHIPS,
PATENTS,
PREMISES TO LET,
FOR SALE or WANTED

7/6 for 36 words or less,
2d. for every additional word.

LEGAL NOTICES,
SALE BY AUCTION,
TENDERS—AND ALL
SPECIALLY SPACED
ANNOUNCEMENTS

1/9 per nonpareil line.
(12 lines = 1 inch, single column.)

BUSINESSES for
DISPOSAL
BUSINESSES WANTED
SITUATIONS OPEN

7/6 for 40 words or less,
2d. for every additional word.

MISCELLANEOUS SECTION
(for Wholesalers, etc.),
for odd and second-hand lots.

12/6 for 60 words or less,
1/- for every additional 10 words or less.

EXCHANGE COLUMN { 2d. per word
(for Retailers, etc.) { minimum 3/-

SITUATIONS { 2/6 for 18 words or less, 1d.
WANTED { for every additional word.

BOX OFFICE NUMBER 1/- EXTRA

All advertisements in this Supplement must be prepaid

★ SPECIAL NOTE. Advertisements are accepted up to FIRST POST THURSDAY MORNING of Week of Issue.
Any received too late will be inserted the following week

PLEASE MARK YOUR ENVELOPE "SMALL ADVERTISEMENT" AND ADDRESS TO
The Chemist & Druggist, 28 Essex St., Strand, London, W.C.2. Tele: Central 6565 (10 lines) Grams: "Chemicus" Estrand, London
Emergency Address: The Chemist & Druggist, The Pitman Press, Bath

SUPPLY OF SUPPLEMENTS

These will still be supplied free (not more than six at a time) on receipt of post office wrappers STAMPED ONE PENNY.

BOOKS

BOOKS, PHARMACEUTICAL, OPTICAL, MEDICAL, and current editions, supplied by return; second-hand copies sometimes available; books purchased—please submit lists before forwarding; new books on loan library terms for students—give guarantee of definite return after period of use. Orders value £2 carriage paid in Great Britain. Advise requirements for prompt quotation. Gower, 190 Clapham Road, S.W.9. Phone: REL 3728.

ADVERTISING

Lady, aged 30, requires position with Manufacturing Firm. Last five years general pharmaceutical advertising. Ideas, copy, layout, roughs and finished drawings. Good knowledge reproduction costs, typography. Capable manage advertising department or assist Advertising Manager.

Good appearance, excellent education. Free August or before. Write CDB/131, Office of this Paper.

**THE ASSOCIATION OF MANUFACTURING CHEMISTS,
LIMITED**
(Business Agency, Transfer & Valuation Department)
KIMBERLEY HOUSE, and at 5 RUMFORD PLACE,
Holborn Viaduct, LONDON, E.C.1 LIVERPOOL, 3.
PARKIN S. BOOTH, Valuer. Tels.: CITY 3691 (4 lines)
VALUATIONS, SALES OF BUSINESSES. STOCKTAKINGS.
Enquiries Invited.

**ALL HOSPITAL PHARMACISTS & DISPENSERS
SHOULD JOIN AT ONCE**
The National Assoc. of Chemists' Assistants
INCORPORATED IN THE CHEMICAL WORKERS' UNION
BENEFITS : Trade Protection, Legal Aid, Unemployment Benefit,
Free Use of Employment Bureau
WRITE FOR PARTICULARS : Arthur J. Gillian, Gen. Sec.,
149 Newington Causeway, London, S.E.1

BUSINESSES FOR DISPOSAL

BATH, Somerset; Reception Area; Pharmacy, corner, main road; good living accommodation; long lease; net profit averaged over £360, 1938, 1939; audited accounts, increasing turnover; lease, goodwill, fixtures, fittings all at £650, plus stock at valuation. Apply Palmer, 12 Chapel Row, Bath.

BOURNEMOUTH Suburb. Small business for disposal due to illness. Nearest opposition about half mile. Excellent prospects for working owner. Well fitted and good, clean stock. Modern glass front. Moderate rent. Reasonable offer for quick sale. Arnott, 66 High Street, Poole.

COLWYN BAY, North Wales. For immediate disposal, old established Business (50 years), in centre of town, double fronted lock-up Shop; stock about £850, fittings and fixtures £100. Total purchase price £750 or near offer. Apply Adamson, Queens Arcade, Station Road, Colwyn Bay.

OWNER wishing to retire. Old-established East Lancashire town business. Turnover approximately £45 per week. Family and National Health Insurance connexion. Accountant's figures available. 257/7, Office of this Paper.

AGENCIES

FRENCH DISTRIBUTORS, very active and well introduced to the medical profession, calling regularly on doctors, desire to represent in France, reputable British Manufacturers of Ethical Products. First-class references. Write to Dr. Martinet, 16 Rue du Petit-Musc, Paris I^{ve}.

MANUFACTURING Chemists with connexion throughout country desires to take up additional lines. Apply 364/362, Office of this Paper.

SALE BY AUCTION

REMOVED FROM CLAPHAM AND BLACKHEATH.
2-5 LITTLE BRITAIN (close to G.P.O.),
LONDON, E.C.

Practically new light oak Chemist's SHOP FITTINGS, comprising 7 ft. and 12 ft. Drug Run, 12 ft. glass-fronted Counter, 3 Chemist's Wall Showcases, Silent Salesmen, Mirrors, Glass Shelves, Personal Weighing Machine, Dispensing Scales, LATEST MODEL NATIONAL CASH REGISTER, Nests of Drawers, Office Furniture, Safes, Typewriters, also small quantity of Miscellaneous Stock.

B. NORMAN & SON

will sell by auction at their Sale Rooms, TUESDAY, MAY 21st, at 12 noon. View day prior. Catalogues on application. Tel. Nat.: 6463.

TENDERS

COUNTY BOROUGH OF EAST HAM HARTS SANATORIUM, WOODFORD GREEN

TENDERS ARE INVITED for the supply of SURGICAL EQUIPMENT in connexion with the above.

Schedules and Forms of Tender may be obtained from the undersigned and must be returned to His Worship The Mayor, Town Hall, East Ham, E.6, not later than first post on MONDAY, MAY 27, 1940.

No Tender will be received except in a plain, sealed envelope, endorsed "Tender for Surgical Equipment, Harts Sanatorium."

The Council do not bind themselves to accept the lowest or any Tender.

F. D. LITTLEWOOD,
TOWN HALL, EAST HAM, E.6. Acting Town Clerk.
May 14, 1940.

WANTED

TWO Small National Tills wanted, keys about 10s., total-addig. Working order. Cash. Details: S. John, 68 Westbourne Terrace, Paddington, W.2.

SITUATIONS OPEN

RETAIL (HOME)

LONDON, E.—Assistant (qualified preferred but not essential) for middle-class trade and N.H.I. dispensing. Give full particulars of experience, names of references, age, when disengaged and salary expected. Apply (letter only) Pharmacist, 300 Amhurst Road, London, N.16.

LONDON, N.1.—Young Lady Assistant (unqualified) required for middle- and working-class pharmacy. General counter work, etc. (no dispensing knowledge required). Opportunity to gain photographic experience. Full particulars to Cartwrights, Chemists, 128 Balls Pond Road, London, N.1.

LONDON, W.—Qualified Junior Assistant required for high-class dispensing business. Salary £4 10s. per week, with excellent prospects. Full particulars in first letter: age, height, experience, etc. 365/397, Office of this Paper.

LONDON, W.1.—Wanted Qualified Assistant (male) for dispensing business near Harley Street. Please give fullest particulars, including qualifications, salary required and when disengaged to 262/7, Office of this Paper.

MAILSTONE.—Capable Manager required for Branch. Applications from either sex considered. State age, experience, salary required. A. H. Clark, 58 Tonbridge Road, Maidstone.

OXFORD.—Qualified Manager required in high-class family business. Send fullest particulars of all experience, state age, salary required, when free, and enclose photo. Write Bellamys, Dispensing Chemists, 22a Merton Street, Oxford.

STREATHAM.—Competent young Lady Assistant required for Toilet Counter, able to dress windows. Write CDB/136, Office of this Paper.

SURREY.—Qualified Lady Assistant required for good-class family dispensing business in pleasant country town. Knowledge of Toilet Trade essential. Write CDB/135, Office of this Paper.

ASSISTANT, male or female, required for brisk Dispensing and Counter business. Good salary offered to capable energetic worker. Apply, giving full particulars, to Macarthy's, Ltd., Market Place, Romford.

ASSISTANT, Unqualified, for Counter and Dispensing. Either sex. Preferably first out of apprenticeship or alternatively 35-40. Good knowledge of high-class toilets and photography essential. State salary. Applications unanswered in 3 days respectfully declined. Jaffe, 91a Broadway, Ilford, Essex.

ASSISTANT wanted; please state age, height, salary required, and when disengaged, to Halsted, Pharmaceutical Chemist, Shepton Mallet. Tel. 192.

BRANCH Manager required; must be thoroughly capable, energetic and trustworthy. Business in North London; artisan district. Living accommodation attached to business. Comfortable berth for the right man. 262/3, Office of this Paper.

LADY Assistant (unqualified) required in Toilet and Dispensing Business. Apply, with full particulars to C. Harry, 366 Richmond Road, East Twickenham.

LADY Assistant (unqualified) with good experience in dispensing. High-class toilet and photographic business, of good personality and address. Apply, with full particulars, Meyrick & Davies Ltd., Wilton Court Pharmacy, Bexhill-on-Sea.

MANAGER. Lady or gentleman, qualified, for busy Pharmacy in Sussex. Knowledge of photographs and display essential. A permanent and congenial position in an up-to-date Pharmacy for a conscientious worker. Apply with fullest particulars and photograph, 365/395, Office of this Paper.

PROGRESSIVE Advertiser, diverting available capital, seeks contact with Qualified Chemist wanting chance to improve and establish position, with view to acquiring business and developing it to mutual advantage. Unimpeachable references required. State age, whether married, qualifications, experience, etc. (copies testimonials only), treated in strictest confidence. Interview London later. Should prove good opportunity for right man. 262/4, Office of this Paper.

QUALIFIED and Unqualified Lady Assistants for Central London. Apply "B," 365/398, Office of this Paper.

QUALIFIED (either sex) required for middle-class business. Partnership considered with or without cash. Congenial post offered together with seven days' holiday allowed this year. Apply at once. M. F. R. Webb, 32 Stuart Road, S.E.15.

ROWAL East Sussex Hospital, Hastings. Part-time Assistant Pharmacist required (M.P.S.). Salary £85 p.a. with lunch and tea when on duty. Apply to Secretary.

SOUTH OF ENGLAND. Seasonal Assistants required at Seaside branches, suit students anxious to gain good experience under congenital conditions before proceeding college; write giving full particulars of experience to: Retail Staff Manager, Timothy Whites & Taylors, Ltd., 70 Vauxhall Bridge Road, London, S.W.1.

SURGICAL. Competent Saleswoman with good experience of similar department. Capable of taking charge when required. Selfridge's, Oxford Street.

SWISS COTTAGE. Parkes Chemists require young Lady to assist on Toilet Counter. Must have knowledge of business. Apply by letter giving particulars to Retail Staff Manager, Parkes Chemists, 70 Vauxhall Bridge Road, London, S.W.1.

TAYLORS BRITISH CHEMISTS have vacancies for qualified Managers and Relief Chemists in London district. Apply by letter to Retail Staff Manager, Taylors British Chemists, Ltd., 70 Vauxhall Bridge Road, S.W.1.

TAYLORS DISPENSING CHEMISTS, require young Lady at Hounslow branch to assist on counter. Interested in window dressing; age about 20 years. Apply by letter giving details of past experience to: Retail Staff Manager, Taylors Dispensing Chemists, 70 Vauxhall Bridge Road, London, S.W.1.

UNQUALIFIED Assistant (male), exempt military service, wanted immediately. Must be well experienced in the manufacture of Galenicals, etc., dispensing and front counter. Apply, with full particulars, stating salary required. Applications not answered within seven days respectfully declined. Hickman & Metcalf, Chemists, Market Place, Newbury.

WANTED Qualified Assistant, must be good at counter, N.H.I. dispensing, photographic and window dressing. Good references essential. Salary £4 per week. 182 Coldharbour Lane, Camberwell, S.E.5.

WOMAN M.P.S., thorough experienced Retail Shop management, wanted with view to partnership after trial period. Capital not required in first instance. Must be capable, enterprising. Advertiser woman with sound business building experience. 365/378, Office of this Paper.

YOUNG Lady with general experience wanted. No Sunday or holiday duty. Permanency. Usual particulars as regards salary, experience, etc., and when available. Rugg, Chemist, Thornbury, nr. Bristol.

YOUNG Qualified Assistant (Lady preferred) for good-class dispensing and retail. Full particulars to Bone, Chislehurst.

YOUNG Qualified Assistant required immediately capable of taking charge; state age, experience and salary required. Masons, Dispensing Chemists, Ltd., 89 Acre Lane, Brixton, S.W.2.

VACANCIES FOR LOCUMS

QUALIFIED Locum required for four months commencing June 10. Easy hours. Apply with full particulars and salary required. William Challice, Ltd., 3 Villiers Street, Strand, W.C.2.

WHOLESALE

COUNTER hand required by firm of chemical manufacturers, Write, stating age, experience and salary required, to 364/367, Office of this Paper.

DUBUIS & ROWSELL, LTD., Croydon, have a vacancy for an Essence Compounder. Excellent prospects. Applications which will be treated in confidence should state experience, age and salary required.

EXPERIENCED Tablet Maker and Coater for Midland Manufacturing Chemists. State age, experience and salary required. 365/393, Office of this Paper.

INVOICE Clerk required for London Wholesale Druggists. Write stating experience, etc., 365/381, Office of this Paper.

LATEX Chemist required with experience in Dipped Latex Surgical Goods such as Fingerstalls, Gloves, etc. Good position offered to man with the necessary experience. When applying give full particulars, experience, age and salary required. Resident Lancashire preferred. Apply 262/15, Office of this Paper.

OFFICE Manager for manufacturing perfumery house, ineligible for military service, previous perfumery experience not essential but knowledge of proprietary distribution by manufacturer an advantage—good correspondent able supervise large volume orders retail accounts statistical data. Apply, with full details, experience, etc. 365/394, Office of this Paper.

PHARMACIST with good knowledge of Portuguese and practical acquaintance with Portuguese pharmacy offers services in advisory capacity. 254/7, Office of this Paper.

REQUIRED by well-known firm of manufacturing chemists in Hertfordshire a Lady Pharmacist, 25 to 30, preferably with experience in the manufacture of pharmaceutical preparations, including ampoules. Full particulars to 365/396, Office of this Paper.

REQUIRED for London area. Wet Counter Hand with some knowledge of essential oils. Exempted from military service. State age, salary and experience, to 365/400, Office of this Paper.

SALES Representative required for disposal of general requirements to Veterinary Surgeons in Southern Counties; connexion essential. Apply, 365/386, Office of this Paper.

TABLET Maker and Sugar Coater wanted, for London Wholesale Druggists. 365/382, Office of this Paper.

THE Glaxo Laboratories have a vacancy in the Analytical Laboratory for a Woman Assistant Chemist. State qualifications, age, previous experience and salary desired to the Staff Manager, Glaxo Laboratories, Ltd., Greenford, Middlesex.

TRAVELLERS in all parts, already calling on chemists and camera stores, are invited to carry new, non-competitive sideline which offers useful introductory talking point. Fair commission only. State area covered. "Photographic," 20 Toaks Court, Cursitor Street, London, E.C.4.

WHOLESALE. Wanted Experienced Invoice Clerk. Quick and accurate. Apply, giving age, references and wages required to Wyleys Ltd., Manufacturing Chemists, Coventry.

SITUATIONS WANTED**RETAIL (HOME)**

A LADY (Hall) desires whole- or part-time post Doctor or Chemist. Experienced; first services given free. P.C.B. 340/18, Office of this Paper.

A S Manager or Senior Assistant, age 33. First-class experience, dispensing, counter, photography, buying and stock-keeping—"Pharmacists," 20 The Crescent, Northwich.

A SSISTANT, over 17 years' varied experience; five years' apprenticeship (indentured). West End, country and watering-place. Dispensing, photo, veterinary. Registered Dentist (prescribed exam.). Over military age, seeks position of trust. "D," 42 Preston Road, Brighton.

A SSISTANT, unqualified, elderly, active, excellent references, good worker, abstainer, London preferred. Mac., 35 Parolles Road, London, N.19.

C ZECHOSLOVAKIAN, Dispensing Chemist (female), Protestant; seeks post; speaks English, French, Czech and German; has worked for 17 years in a spa—Starienbad—as Dispenser and in laboratory. Olbert, Pirton Court, Hitchin, Herts.

D ISPENSER, Cambridgeshire, unqualified, seeks position with doctor or chemist; 3½ years' dispensing experience. Also book-keeping and counter work. P.C.B., 340/15, Office of this Paper.

M AN, over military age, medically examined, passed 100 per cent. fit. Well up all surgical requirements, able take charge. Reasonable wages; fare from Scotland willingly paid to get back to family. Mayscy, 280 Bath Street, Glasgow.

P HARMACEUTICAL Chemist (24), disengaged, desires responsible position, thoroughly experienced at Dispensing; extensive knowledge of vaccines and galenicals; retail and hospital experience; excellent references; interview. Allen, "Sun View," Staunton, Gloucester.

U NQUALIFIED (35), first-class sales and dispensing experience, requires responsible position, season or permanency, latter preferred; commence immediately anywhere. Watson, 12 Princes Street, Bishop Auckland.

LOCUMS SEEKING ENGAGEMENTS

L OCUM Assistant, etc., free now. Few weeks, middle-aged, unqualified. Little, 260 Sandycombe Road, Kew, Surrey.

WHOLESALE

SCOTLAND. Agent (46), with wide connexion, chemists, hairdressers and stores, desires additional agencies. Would act as agent for duration of war only, if required; car owner. 259/3, Office of this Paper.

E XPERIENCED Representatives, provincial areas, Scotland and Northern Ireland, already calling on doctors and hospitals, required to handle several additional pharmaceutical lines which are non-competitive to general ethical preparations; expenses and commission only. Write L.P.O. Whitestones, Hayes Lane, Beckenham, Kent.

R EPRESENTATIVE, 10 years' experience Lancashire and Cheshire Chemists, Hairdressers and Stores, desires additional advertised line, part expenses commission basis. 365/399, Office of this Paper.

S ALES Executive. Over military age. Experienced Sales and Office Organisation. Knowledge medical propaganda. Good organiser. P.C.B. 340/19, Office of this Paper.

S ALESMAN Representative just disengaged, over military age. Connexion England and Wales; car driver; salary, expenses, commission basis. "Successful," P.C.B. 340/21, Office of this Paper.

T WENTY years' London Chemist's connexion, drugs, proprietaries; herbs; accept travelling expenses and commission; goods and price must be right. P.C.B., 340/14, Office of this Paper.

EXCHANGE COLUMN**WANTED**

S ACCHARIN wanted 500. State price. 16 Rich's Road, Whitchurch, Cardiff; 8 to 10 lb. weekly.

MISCELLANEOUS

S ECOND-HAND Microscopes. A large selection: instruments for all purposes; best makers, faultless condition. 2d. stamp for list. Chards, Specialists, Forest Hill, London, S.E.23.

E ?—COMPLETE CHEMIST FITTINGS at any price you wish to pay. We have erected in our Showrooms a Complete Chemist's Shop with Metal Shop Front. Window Backs, Correct Window Lighting, Signs and Modern Interior Fittings. Apply for Lists. D. MATTHEWS & SON, LTD., "The Liverpool Shop Fitters," 14 and 16 Manchester Street, Liverpool. Est. 1848.

LATE NEWS**Pharmaceutical Council Election Result**

THE president took the chair at the adjourned annual meeting of the Society on May 17 (see p. xvi.) at 7.15 p.m., and announced that the number of voting papers issued was 23,077, of which 7,017 were returned, including 136 disallowed and 28 late, leaving 6,853 papers registered. The voting was as follows:—

Peck, Ernest Saville	4,861
Wallis, Hugh William	4,527
Skinner, Herbert	4,393
Antcliffe, Herbert	4,340
Irvine, Jean Kennedy	4,086
Davis, Charles	3,683
Williams, Basil Allen	3,611
Culbert, William Spence	3,415
Barry, Percy	2,552
Laws, John Joseph	1,938

The president declared the first seven elected and read the names of the Council as now constituted. He then proposed a vote of thanks to the scrutineers, to which Mr. Milner responded.

Council Meeting

A SPECIAL meeting of the Council of the Pharmaceutical Society was held on May 15. Among the items of business transacted were the following:—

ELECTION OF STUDENT-ASSOCIATES.—The following persons were elected: Carter, Thelma Phyllis Laura, Portsmouth; Hudson, Frank Raymond, King's Lynn; Lewis, Albert John, Clynderwen, Pembs; Parks, Eric William Russel, Gabalfa, Cardiff; Astbury, Stanley George, Bucknall, Stoke-on-Trent.

DIPLOMA IN PHARMACEUTICAL ANALYSIS.—Mr. C. E. Corfield and Mr. N. Evers were appointed examiners for the Diploma in Pharmaceutical Analysis.

PROPOSED AMENDMENT OF THE PHARMACY AND POISONS ACT, 1933.—The Council received a letter from the Home Office in reply to the Memorandum submitted by the Society in May 1939 on this matter, and decided to consider it at their June meeting.

PROPOSED PURCHASE TAX.—The Council received an invitation to participate in a conference at the Board of Customs and Excise on this matter and appointed the president, Mr. A. R. Melhuish and the secretary to represent the Society.

PHARMACEUTICAL SOCIETY'S ANNUAL MEETING

THE ninety-ninth annual meeting of the Pharmaceutical Society of Great Britain was held at 17 Bloomsbury Square, London, W.C.1, on May 15, the president, Mr. Walter Deacon, in the chair. The annual report and financial statement were taken as read. In the course of his address the president said:—

The year 1939 can perhaps best be described as a year of anxiety and uncertainty. The Society, with its important responsibilities, was naturally acutely affected by this state of affairs and had to make provision in numerous ways, firstly against the contingency of war and secondly for dealing with problems arising from it.

The keynote of the Council's war-time policy is to maintain as far as possible the services which the Society has hitherto rendered to its members and to the public. The figures given under registration in the Report (see p. 369) reveal no great changes. The decline in the increase of the number of premises registered suggests that pharmacists are adopting a more cautious attitude towards business extension. Since the war broke out the holding of the Society's examinations has proceeded uninterruptedly though the form of the October examinations was changed to avoid the danger to candidates in calling them for examination on the normal lines. The difficulties in holding the subsequent examinations in London were overcome through the good offices of the authorities of Chelsea Polytechnic. The Council felt that provision must be made for the contingency that examinations could not be held in London. Various considerations affected the arrangements to be made and after careful thought the Council decided that the best plan would be to make arrangements to hold the examinations at four provincial centres in England and Wales and one in Scotland so situated that as far as possible all parts of the country would be equally well served.

Once again the Medicine Stamp Duty question raised its head in a manner menacing to the interests of pharmacy. The opposition organised by the Society and in other quarters disposed satisfactorily of the question for the time being but it was evident that it would come up again in the near future. Hence the Council were glad to co-operate with representatives of other pharmaceutical bodies to forestall future action by the Government by taking the initiative out of the Government's hands and preparing a scheme for a complete solution of the problem of proprietary medicines. I should like to endorse warmly what is said in the Report in appreciation of the work of branch secretaries and other branch members in writing to and seeing their Members of Parliament. An interesting development due to the war was the modification of the Society's powers under the Chartered and Other Bodies (Temporary Provisions) Act, 1939. As you know, the Society in its actions is limited by its Charter, by-laws, and regulations and by the various Pharmacy Acts. Early in the war the Council realised that the Society might be severely handicapped in carrying on its activities under war conditions if it could not acquire some additional or modified powers. Fortunately the passing of the Act mentioned above, which was intended to deal with just such a situation, provided an easy way out of a difficult position and advantage was taken of it to the extent indicated in the Report as being sufficient for immediate purposes. The directions given by the Lord President of the Council under the Act remain effective for the period of the war. The evacuation of the college was in accordance with a scheme covering all the schools of the University of London whose work could be carried on outside London. We were particularly fortunate in the quarters which were secured both at Cardiff and Reading, and apart from the effect of inconveniences inseparable from the new conditions work at both places is proceeding on normal lines. For various reasons the college is now working with a reduced staff, and in view of the added burden this places upon those who remain it is all the more creditable to the staff that the efficiency of the work of the college should have been maintained at its full level. With the outbreak of war a serious situation arose in view of the prospect of increased expenditure and reduced income. As a result of an exhaustive examination of the financial position in the light of the probable effect of the war upon it, economies estimated to produce a reduction in expenditure of several thousands in 1940 were effected after allowance was made for additional expenditure which would be caused by evacuation. It was estimated that with this reduction of expenditure the Society could meet its obligations. The formation of four new branches of the Society is an encouraging sign, and I wish all the new branches success in their work, particularly Jersey and Tanganyika. The adoption by the Council of a statement on matters of professional conduct is a step of great importance in

principle, and should be a valuable aid in securing general observance of the best standards of pharmaceutical practice. The first part of the Report of the Committee of Inquiry provided a vast amount of data about the past and present condition of pharmacy in Great Britain. The Committee invited pharmacists to submit this to a critical examination. I regret to say that up to date no branches have submitted comments upon the Report. It is not too late for branches to respond to the invitation, and I hope that they will take advantage of the extension of time.

The arrangements for the evacuation of some of the departments of the Society's work were made upon Government advice for the primary purpose of insuring that by dispersal there would be assurance that the whole of our activities would not be completely put out of action. The Council is now in the light of further information given by the Government considering how far experience shows that policy can be modified. At the moment we are leaving our records out of London with a small maintenance staff. Our biggest problem arises in connexion with the school. Firstly, because the difficulty of making fresh arrangements for it to leave London again should that become essential, and secondly, because the financial expenditure necessary in providing an air-raid shelter for over a hundred people in this building. We have now all the particulars necessary to enable a decision to be taken and I anticipate that the Council will be able to do so at their meeting in July.

Turning now to the new building, it is hardly necessary to point out that the outbreak of war destroyed the hope of completing the occupying the building this year. The war has given the project a double blow: it has increased the cost and made the raising of money more difficult. The Council had no difficulty in deciding that sufficient money was available the proper course in the first instance was to complete the exterior and floors of the building and at a later stage whether any further work should be done during war-time. The exterior of the building is not yet completed and this is due partly to the time taken in settling questions concerning rights of light and air of neighbouring properties. We hope, however, conditions permitting, that rapid progress will soon be made. The Council are now considering what shall be done when the work authorised has been completed. This will depend upon the amount of money available and I hope there will be sufficient to enable at any rate some portion of the building to be rendered usable so that one or more departments can move in. Upon the outbreak of war the Council's plans for raising funds were put into effect with encouraging results, and there were good prospects of the whole of the additional sum needed being obtained by subscription. From the outbreak of war until recently it was thought opportune to proceed with the plans, but the payment of gifts already promised is now being requested and the Council at their next meeting will consider further steps. There are many points I want to make on the remaining items of the Report. I hope to say that it is hoped to publish a new edition of Volume I of the Extra Pharmacopœia early in 1941, and that progress is being made as rapidly as possible with the revision of the British Pharmaceutical Codex. In conclusion I should like to say a word about the staff. The year was a particularly trying one for them and in many cases separation from their homes and families. I am glad to have this opportunity of expressing my appreciation of the staff and their readiness to adjust themselves to the new situation created by the war, and I want to pay a high tribute to their loyalty and devotion to the Society's interests. I am a believer in easy optimism, but I am sure that it will help us to do things in a proper focus and to perform our daily work effectively as good citizens if we strive to keep our activities on as normal a plane as possible. Let us remember that for most of us the valuable contribution we can make to the effective conduct of the present war will be to carry on as efficiently as possible our daily business tasks that lie to our hand. I now move the adoption of the Annual Report of the Council and financial statement and ask the vice-president to second the motion.

Mr. F. G. Wells seconded, and the motion was carried.

SCRUTINEERS AND AUDITORS

A list of names of persons to act as scrutineers was read by the secretary and carried.

The following were elected auditors: Messrs. J. S. Hill, E. J. Millard, G. E. Pearson, E. A. Umney.

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